

**RESEARCH AND INFORMATION INSTITUTE  
FOR AGRICULTURAL ECONOMICS**

**HUNGARIAN CENTRAL STATISTICAL OFFICE**

**HUNGARIAN FOOD  
AND  
AGRICULTURAL  
STATISTICS  
2002**

**Budapest, 2003**

Published by:  
Research and Information Institute for Agricultural Economics (AKII)  
Hungary

General Director:  
Dr. Gábor Udovecz

in co-operation with  
the Hungarian Central Statistical Office (KSH)

President:  
Dr. Tamás Mellár

Prepared by:  
  
the Statistical Department of AKII  
Information Management Directorate

Head of Section:  
Imre Bognár

in co-operation with  
the Agricultural Statistical Department of KSH

Head of Department:  
Laczka Sándorné

ISSN 1586-0086

# CONTENTS

	Page
<b>SUMMARY DATA OF AGRICULTURAL BRANCHES</b>	
Number of persons employed.....	9
Gross output and gross domestic product of agricultural branches .....	10
Investments outlay by branches .....	11
Average monthly gross and net earnings of employees in agricultural branches .....	12
 <b>AGRICULTURE</b>	
Area by branches of cultivation .....	15
Productive and arable land of economic organizations by size groups.....	16
Vineyard and orchard of economic organizations by size groups .....	17
Economic accounts of agriculture .....	18
Agricultural labour input.....	18
Agricultural income indices .....	18
Volumen indices of agricultural output and gross value added .....	19
Terms of trade .....	20
Production of main crops .....	21
Viticulture and fruit growing.....	22
Livestock .....	23
Production of animals for slaughter and animal products.....	24
Principal indicators of animal husbandry .....	25
Fodder consumption of principal branches engaged in animal husbandry .....	26
Production costs of some crops in large-scale agricultural farms 1998-2001.....	28
Production costs of the main branches engaged in animal husbandry in large-scale agricultural farms 1998-2001 .....	32
Fertilizer supply.....	36
Consumption of fertilizers by corporations.....	37
Consumption of fertilizers by co-operatives .....	38
Manuring by corporations .....	39
Manuring by co-operatives.....	40
Plant protection 1998-2001 .....	41
<b>Plant protection in agricultural enterprises 2002. ....</b>	<b>45</b>
Production per capita.....	46
Distribution of arable land by types of farms.....	47
Use of principal fuels in agriculture .....	47
Producer-procurement price indices.....	48
Procurement volume indices of agricultural products.....	49

Procurement of agricultural products in tons .....	50
Average producer-procurement prices of main products .....	51
Average producer-market prices .....	52
Annual average prices of selected goods .....	54
Stock of main machines by legal forms .....	55
Stock of main machines .....	56
Buildings, constructions used for plant cultivation .....	57
Buildings, constructions of horticulture and viticulture .....	58
Other buildings and constructions .....	59
Buildings for animal husbandry .....	60
 <b>FOOD INDUSTRY</b>	
Main data 1998-2002. ....	63
Investments in the food industry .....	68
Production of principal food industrial products .....	69
Consumption per capita .....	70
 <b>FORESTRY, FISHERY</b>	
Forest area, ratio of forested land .....	73
Forestation .....	74
Logging .....	74
Logging and manufacture of wood .....	75
Stock of games 2002-2003. ....	76
Game management 1999-2002 .....	78
Fishery production 2001-2002. ....	81
 <b>EXTERNAL TRADE</b>	
Exports and imports by main commodity groups .....	85
External trade by commodity groups .....	87
Exports by commodity groups .....	88
Imports by commodity groups .....	89
Exports of main agricultural and food-industrial products. ....	90
Imports of main agricultural and food-industrial products. ....	91
Export to main partner countries .....	92
Import from main partner countries .....	
 <b>REGIONAL DATA</b> .....	93
 <b>INTERNATIONAL DATA</b> .....	119

The publication provides information on the results achieved in 2002 in agriculture, forestry and food industry. We assured the comparability of time-series in connection with the pocketbooks published in the recent years.

Besides the national and branch indicators and data, the principal agricultural data are given also in details by counties.

The international data are suitable to demonstrate the main trends.

With the English and also with the German and French publication of the pocketbook we wanted to render help for the information of the foreign partners of the Hungarian agricultural institutions, research institutes and economic organizations.

The published data are compiled on the basis of the publications of the Central Statistical Office, the Food and Agricultural Organization (FAO) and the Research and Information Institute for Agricultural Economics.

## EXPLANATION OF SYMBOLS

= data not available

- = no data

**0** = data cannot be expressed, being smaller  
than the unit applied

<sup>+)</sup> = previous estimate

NOTE: Data for the year 2002 are preliminary, therefore they may later change

## **SUMMARY DATA OF AGRICULTURAL BRANCHES**

---





## NUMBER OF PERSONS EMPLOYED

Denomination	1998	1999	2000	2001	2002
	thousands				

<b>Industries, total</b>	<b>3 697,7</b>	<b>3 811,5</b>	<b>3 849,1</b>	<b>3 883,3</b>	<b>3 883,6</b>
Agriculture	258,7	250,3	234,0	226,3	223,7
Forestry	20,1	20,1	17,7	17,1	17,2
Food industry <sup>a)</sup>	158,6	155,1	152,2	158,0	161,2
<b>Together</b>	<b>437,4</b>	<b>425,5</b>	<b>403,9</b>	<b>401,4</b>	<b>402,1</b>

### Percentage share

<b>Industries, total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Agriculture	7,0	6,6	6,1	5,8	5,8
Forestry	0,5	0,5	0,5	0,4	0,4
Food industry <sup>a)</sup>	4,3	4,1	4,0	4,1	4,2
<b>Together</b>	<b>11,8</b>	<b>11,2</b>	<b>10,5</b>	<b>10,4</b>	<b>10,4</b>

<sup>a)</sup> Manufacture of food, beverages and tobacco products.

**Source:** Hungarian Central Statistical Office

**GROSS OUTPUT AND GROSS DOMESTIC PRODUCT  
OF AGRICULTURAL BRANCHES**

Denomination	1998	1999	2000	2001
	at current prices			

Gross output, billion HUF

<b>National economy, total <sup>a)</sup></b>	<b>20 066,1</b>	<b>23 056,5</b>	<b>29 178,9</b>	<b>32 779,2</b>
Agriculture and fishery	1 285,1	1 328,0	1 405,2	1 656,0
Forestry	53,8	59,8	68,9	79,8
Food and tobacco industry	1 477,8	1 472,4	1 816,1	2 095,5
<b>Together</b>	<b>2 816,7</b>	<b>2 860,2</b>	<b>3 290,2</b>	<b>3 831,3</b>

Percentage distribution

<b>National economy, total <sup>a)</sup></b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Agriculture and fishery	6,4	5,8	4,8	5,1
Forestry	0,3	0,3	0,2	0,2
Food and tobacco industry	7,4	6,4	6,2	6,4
<b>Together</b>	<b>14,0</b>	<b>12,4</b>	<b>11,3</b>	<b>11,7</b>

Gross domestic product (GDP), billion HUF

<b>National economy, total <sup>a)</sup></b>	<b>8 873,5</b>	<b>9 973,0</b>	<b>11 482,7</b>	<b>13 090,6</b>
Agriculture and fishery	465,6	455,8	459,8	527,7
Forestry	25,9	27,7	31,1	35,0
Food and tobacco industry	316,3	317,9	393,6	483,5
<b>Together</b>	<b>807,8</b>	<b>801,4</b>	<b>884,5</b>	<b>1 046,2</b>

Percentage distribution

<b>National economy, total <sup>a)</sup></b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Agriculture and fishery	5,2	4,6	4,0	4,0
Forestry	0,3	0,3	0,3	0,3
Food and tobacco industry	3,6	3,2	3,4	3,7
<b>Together</b>	<b>9,1</b>	<b>8,0</b>	<b>7,7</b>	<b>8,0</b>

<sup>a)</sup> Branches total, at current basic prices, from 2000 according to new methodology

**Source:** Hungarian Central Statistical Office

## INVESTMENTS OUTLAY BY BRANCHES\*

Branches	1998	1999	2000	2001	2002 <sup>+) </sup>
	at current prices, million forints				

### Investments, total\*\*

<b>National economy, total</b>	<b>1 808 233</b>	<b>2 000 685</b>	<b>2 281 750</b>	<b>2 419 021</b>	<b>2 507 354</b>
Agriculture	60 740	60 481	58 621	86 004	92 258
Forestry	4 937	6 105	5 538	6 317	5 644
Food industry	77 328	85 676	75 725	95 744	96 106
<b>Together</b>	<b>143 005</b>	<b>152 262</b>	<b>139 884</b>	<b>1 88 068</b>	<b>1 94 008</b>

### Food industry

### Construction investments

<b>National economy, total</b>	<b>754 798</b>	<b>814 164</b>	<b>9 35 449</b>	<b>1 059 153</b>	<b>1 060 603</b>
Agriculture	23 073	19 634	14 902	19 565	25 707
Forestry	2 249	2 625	2 938	3 219	3 187
Food industry	20 101	19 561	20 181	24 836	23 434
<b>Together</b>	<b>45 423</b>	<b>41 820</b>	<b>38 021</b>	<b>47 620</b>	<b>52 328</b>

### Machinery investments

<b>National economy, total</b>	<b>904 267</b>	<b>1 169 145</b>	<b>1 324 613</b>	<b>1 318 145</b>	<b>1 313 510</b>
Agriculture	34 323	27 509	31 471	35 166	39 817
Forestry	1 952	3 156	2 433	2 809	2 191
Food industry	52 575	65 122	54 710	69 340	70 939
<b>Together</b>	<b>88 850</b>	<b>96 187</b>	<b>88 614</b>	<b>107 315</b>	<b>112 947</b>

<sup>\*)</sup> Data of agricultural enterprises

2002 data comes from full scale census of enterprises with over 50 employees, and representative survey of enterprises from 5 to 49 employees.

Other yearly data comes from full scale census of enterprises with over 20 employees, and representative survey of enterprises from 5 to 19 employees.

<sup>\*\*)</sup>  Without plantation and livestock investments

**Source:** Hungarian Central Statistical Office

AVERAGE MONTHLY GROSS - AND NET EARNINGS OF EMPLOYEES  
IN THE AGRICULTURAL BRANCHES<sup>\*)</sup>

Denominaiton	1998	1999	2000	2001	2002
--------------	------	------	------	------	------

Gross earnings, HUF

<b>National economy</b>	<b>67 764</b>	<b>77 187</b>	<b>87 645</b>	<b>103 553</b>	<b>122 453</b>
Agriculture, hunting, forestry and fishing	48 762	53 521	59 246	72 116	84 240
Manufacture of food products, beverages and tobacco products	65 068	73 476	85 001	97 828	108 857

Net earnings, HUF

<b>National economy</b>	<b>45 162</b>	<b>50 076</b>	<b>55 785</b>	<b>64 913</b>	<b>77 607</b>
Agriculture, hunting, forestry and fishing	35 031	37 452	40 774	48 726	58 548
Manufacture of food products, beverages and tobacco products	43 676	47 993	54 348	61 981	70 995

<sup>\*)</sup> In 1998 data of economic organizations with more than 10 employees, since 1999 data of economic organizations with more than 5 employees.

**Source:** Hungarian Central Statistical Office

## **AGRICULTURE**

---



AREA BY BRANCHES OF CULTIVATION  
(31 May.)

Denomination	Average of 1996- 2000	1998	1999	2000	2001	2002
	thousand hectares					
Arable land	4 668	4 710	4 708	4 500	4 516	4 516
Garden	105	109	108	102	98	99
Orchard	95	96	96	95	97	97
Vineyard	125	130	127	106	93	93
Grassland	1 128	1 148	1 147	1 051	1 061	1 063
Agricultural area	6 122	6 193	6 186	5 854	5 865	5 867
Forest	1 769	1 769	1 775	1 770	1 772	1 772
Reed	45	41	41	60	61	60
Fish-pond	32	33	33	32	32	33
Productive land area	7 968	8 036	8 035	7 716	7 730	7 732
Uncultivated land area	1 335	1 267	1 268	1 587	1 573	1 571
<b>Land area, total</b>	<b>9 303</b>	<b>9 303</b>	<b>9 303</b>	<b>9 303</b>	<b>9 303</b>	<b>9 303</b>

*Source:* Hungarian Central Statistical Office

PRODUCTIVE AND ARABLE LAND OF ECONOMIC  
ORGANIZATIONS BY SIZE GROUP<sup>a)</sup>

Size group, hectares	Number of organizations		Size of land area, hectare	
	1996	2002	1996	2002

Productive land area

- 10	359	858	34 754	3 496
11- 50	351	1 259	20 684	34 205
51- 100	220	589	16 409	42 773
101- 200	232	601	34 556	87 018
201- 300	144	608	35 507	159 866
301- 400	120	120	42 272	41 480
401- 500	109	107	48 807	47 808
501- 1000	442	390	328 017	287 977
1001- 2000	518	408	758 369	580 678
2001- 3000	258	167	622 162	404 227
3001- 4000	112	55	378 760	187 053
4001- 5000	58	22	257 492	96 132
5001-10000	51	26	337 054	166 985
10000-	25	32	1 078 846	1 148 863
<b>Total</b>	<b>2 999</b>	<b>5 242</b>	<b>3 993 689</b>	<b>3 288 561</b>

Arable land

- 10	421	645	22 735	2 560
11- 50	223	797	12 723	21 768
51- 100	140	311	10 498	22 620
101- 200	150	348	22 134	50 743
201- 300	120	526	30 085	140 493
301- 400	110	55	38 563	19 464
401- 500	111	75	49 535	33 992
501- 1000	453	354	331 439	261 996
1001- 2000	546	394	783 899	559 558
2001- 3000	185	128	442 404	305 199
3001- 4000	74	36	256 161	122 236
4001- 5000	25	10	108 054	43 067
5001-10000	21	19	132 267	126 642
10000-	1	1	15 440	15 509
<b>Total</b>	<b>2 580</b>	<b>3 699</b>	<b>2 255 937</b>	<b>1 725 847</b>

<sup>a)</sup> Used land area. Only data of those organizations are included, who answered the questionnaire.

**Source:** Hungarian Central Statistical Office



# VINEYARD AND ORCHARD OF ECONOMIC ORGANIZATIONS BY SIZE GROUP<sup>a)</sup>

Size group, hectare	Number of organizations		Size of land area, hectare	
	1996	2002	1996	2002

## Vineyard

- 10	276	243	550	783
11 - 50	102	109	1 433	2 479
51 - 100	30	26	2 238	1 838
101 - 200	24	14	3 305	2 025
201 - 300	8	5	1 880	1 214
301 - 400	1	2	368	630
401 - 500	0	1	0	417
501 - 1000	1	1	502	611
<b>Total</b>	<b>442</b>	<b>401</b>	<b>10 276</b>	<b>9 995</b>

## Orchard

- 10	349	343	1 034	1 278
11 - 50	149	211	2 677	5 043
51 - 100	52	50	3 745	3 559
101 - 200	39	39	5 780	5 664
201 - 300	17	8	4 085	1 878
301 - 400	6	2	2 135	693
401 - 500	3	4	1 263	1 696
501 - 1000	3	2	2 306	1 200
<b>Total</b>	<b>618</b>	<b>659</b>	<b>23 025</b>	<b>21 011</b>

<sup>a)</sup> Used land area. Only data of those organizations are included who answered the questionnaire.

**Source:** Hungarian Central Statistical Office

## ECONOMIC ACCOUNTS OF AGRICULTURE

Denomination	Current price		
	2000	2001	2002 <sup>+</sup> )
	million Ft		
Cereals (including seeds)	272 545	284 388	222 489
Industrial crops (inc. pulses)	60 908	91 651	96 061
Forage plants	24 996	31 575	32 455
Grapes, fruits	103 386	104 293	81 166
Vegetables and horticultural products	121 124	144 226	172 653
Potatoes (inc. seed tuber)	27 989	29 570	25 192
Other crop products	9 989	5 680	5 024
<b><i>Crop output total</i></b>	<b>620 937</b>	<b>691 383</b>	<b>635 041</b>
Animals	354 497	448 786	404 809
Animal products	190 150	212 621	228 583
<b><i>Animal output total</i></b>	<b>544 647</b>	<b>661 407</b>	<b>633 393</b>
Agricultural goods output	1 165 584	1 352 790	1 268 434
Agricultural services	41 396	51 081	53 737
<b>Inseparable non-agricultural secondary activities</b>	43 226	48 474	46 420
<b><i>Agricultural output total</i></b>	<b>1 250 206</b>	<b>1 452 345</b>	<b>1 368 590</b>
Total intermediate consumption	739 142	888 292	890 967
Gross value added at basic prices	511 064	564 053	477 624
Net value added at basic prices	412 527	483 814	389 267
Operating surplus / Mixed income	291 214	350 411	245 317
<b>Entrepreneurial income</b>	<b>227 396</b>	<b>291 461</b>	<b>189 427</b>

*Sources:* Hungarian Central Statistical Office

## AGRICULTURAL LABOUR INPUT

(Annual Working Unit)

Denomination	2000	2001	2002 <sup>+</sup> )
<b>Total</b>	<b>646 730</b>	<b>633 626</b>	<b>569 102</b>
Paid	117 664	107 164	100 164
Non paid	529 066	526 462	468 938

*Sources:* Hungarian Central Statistical Office

## AGRICULTURAL INCOME INDICES

(previous year = 100,0)

Denomination	2000	2001	2002 <sup>+</sup> )
'A' index	100,4	113,5	79,1
'C' index	89,8	118,0	61,0

*Sources:* Hungarian Central Statistical Office

# VOLUMEN INDECES OF AGRICULTURAL OUTPUT AND GROSS VALUE ADDED

(previous year = 100,0)

Denomination	2000	2001	2002 <sup>+</sup> )
Cereals (including seeds)	92,6	149,0	77,3
Industrial crops (inc. pulses)	62,1	126,8	102,5
Forage plants	58,4	120,6	89,1
Grapes, fruits	124,5	68,1	74,1
Vegetables and horticultural products	84,4	119,3	117,2
Potatoes (inc. seed tuber)	79,9	97,2	82,0
Other crop products	123,3	44,1	93,7
<b>Crop output total</b>	<b>87,5</b>	<b>122,4</b>	<b>89,4</b>
Animals	103,9	97,6	101,1
Animal products	102,4	100,6	102,9
<b>Animal output total</b>	<b>103,4</b>	<b>98,7</b>	<b>101,7</b>
Agricultural goods output	94,5	111,3	95,4
Agricultural services	84,2	113,0	100,0
<b>Inseparable non-agricultural secondary activities</b>	..	94,6	95,9
<b>Agricultural output total</b>	<b>94,1</b>	<b>110,8</b>	<b>95,6</b>
Total intermediate consumption	98,8	104,2	100,2
<b>Gross value added at basic prices</b>	<b>86,7</b>	<b>120,3</b>	<b>88,2</b>

*Sources:* Hungarian Central Statistical Office

## TERMS OF TRADE

(2000 = 100,0)

Denomination	2000	2001	2002 <sup>+</sup>
<b>Producer price index</b>	<b>122,5</b>	<b>104,9</b>	<b>98,9</b>
<b>Price indeces of inputs</b>	<b>116,1</b>	<b>113,8</b>	<b>98,9</b>
Intermediate consumption	116,1	114,3	100,7
Seeds	138,9	115,6	81,9
Energy	115,8	99,1	96,7
Fertilisers	106,8	123,0	101,5
Plant protection products	102,9	108,9	107,9
Fodder	118,4	122,8	98,7
Other industrial goods	110,0	109,2	98,4
Maintenance of mashines	107,3	107,7	104,6
Maintenance of buildings	109,2	110,3	103,7
Veterinary products	106,7	108,0	100,0
Other costs	112,2	110,6	106,5
Agricultural investments	116,0	109,8	106,0
Mashines	116,6	106,1	106,7
Buildings	115,2	114,1	105,3
<b>Terms of trade <sup>a)</sup></b>	<b>105,6</b>	<b>92,0</b>	<b>100,0</b>

<sup>a)</sup> According to EUROSTAT methodology terms of trade is equal the producer price index divided by the input price index.

**Sources:** Hungarian Central Statistical Office

## PRODUCTION OF MAIN CROPS

Denomination	Average of 1996- 2000	1998	1999	2000	2001	2002 <sup>+) </sup>
--------------	--------------------------------	------	------	------	------	---------------------

### Harvested area, 1000 hectares

Wheat	1 076	1 183	734	1 024	1 206	1 109
Rye	54	62	40	43	51	49
Barley	345	369	334	325	367	370
Oats	56	52	71	58	61	64
Maize	1 089	1 023	1 115	1 193	1 258	1 206
Sugar-beet	84	80	66	58	66	55
Sunflower	432	427	521	299	320	418
Lucerne hay	214	222	210	159	155	155
Potatoes	56	53	56	47	36	34

### Total production, 1000 tons

Wheat	4 079	4 895	2 638	3 693	5 197	3 907
Rye	109	129	80	86	121	95
Barley	1 100	1 305	1 042	901	1 299	1 046
Oats	132	132	180	98	150	138
Maize	6 219	6 143	7 149	4 984	7 858	6 121
Sugar-beet	3 328	3 361	2 934	1 976	2 903	2 274
Sunflower	681	718	793	484	632	777
Lucerne hay	1 081	1 145	1 135	683	843	701
Potatoes	1 132	1 148	1 199	864	908	752

### Yields, kilogram per hectare

Wheat	3 764	4 140	3 590	3 600	4 310	3 520
Rye	2 004	2 080	2 030	2 000	2 370	1 960
Barley	3 170	3 540	3 120	2 770	3 530	2 820
Oats	2 340	2 560	2 540	1 670	2 450	2 160
Maize	5 700	5 950	6 380	4 150	6 220	5 050
Sugar-beet	39 624	41 960	44 540	34 350	43 780	41 080
Sunflower	1 572	1 680	1 520	1 620	1 960	1 860
Lucerne hay	4 946	5 090	5 410	4 240	5 420	4 480
Potatoes	17 320	18 850	18 390	15 290	21 280	18 280

**Source:** Hungarian Central Statistical Office

## VITICULTURE AND FRUIT GROWING

Denomination	Average of 1996- 2000	1998	1999	2000	2001	2002 <sup>+) </sup>
Viticulture						
Total vineyard, 1000 hectares	125	130	127	106	93	93
Productive vineyard, 1000 hectares	97	99	99	89	82	83
Average yield (on productive vineyard), kg/hectare	6 310	6 580	5 190	7 220	9 390	5 750
Total production, 1000 tons	671	720	570	684	811	501
Of which: grapes for table use, 1000 tons	39	39	45	32	48	23
Wine (drawn off once), million litres	413	433	334	430	541	333
Fruit growing						
Total area of orchard, 1000 hectares	96	96	96	95	97	97
Productive orchard, 1000 hectares	73	73	74	73	76	76
Total production, 1000 tons	912	834	822	1038	917	699
Of which: apple	535	482	445	695	605	527
pear	38	36	39	37	21	13
sour sherry	55	49	45	49	56	38
plum, greengage	106	104	98	91	90	49
apricot	29	17	38	21	16	7
peach	66	65	71	64	57	22

**Source:** Hungarian Central Statistical Office

## LIVESTOCK

Denomination	Average of 1996- 2000	1998	1999	2000	2001	2002
	1 <sup>st</sup> December, thousands					

### Farms, total

Cattle, total	863	873	857	805	783	770
of which: cows	401	407	399	380	368	362
Pigs, total	5 174	5 479	5 335	4 834	4 822	5 082
of which: breeding sows	368	391	379	348	343	381
Sheep, total	940	909	934	1 129	1 136	1 103
Chicken <sup>a)</sup>	29 168	30 557	25 890	30 716	34 343	32 206

### Corporations

Cattle, total	586	579	556	543	497	494
of which: cows	267	266	254	261	238	240
Pigs, total	2 418	2 440	2 408	2 483	23 98	2 635
of which: breeding sows	197	199	201	207	195	216
Sheep, total	188	180	146	206	173	150
Chicken <sup>a)</sup>	11 153	10 469	10 034	14 335	14 163	14 763

<sup>a)</sup> Guinea-fowls excluded.

**Source:** Hungarian Central Statistical Office

## PRODUCTION OF ANIMALS FOR SLAUGHTER AND ANIMAL PRODUCTS

Denomination	Average of 1996- 2000	1998	1999	2000	2001	2002 <sup>+) </sup>
--------------	--------------------------------	------	------	------	------	---------------------

Animals for slaughter,	1 466	1 428	1445	1 566	1 453	1 530
total, thousand tons						
Of which:						
cattle for slaughter	111	99	102	117	98	95
pigs for slaughter	771	710	790	793	689	700
sheep for slaughter	17	16	16	16	18	19
poultry for slaughter	544	581	514	616	622	690
Fish, thousand tons	18	18	19	20	18	18
Cow milk production, million litres	2 004	2 045	2 045	2 081	2 080	2 100
Hen eggs production, million pieces	3 282	3 388	3 190	3 171	3 277	3 400
Wool, tons	3 201	3 046	3 387	3 369	3 917	3 800

**Source:** Hungarian Central Statistical Office



## PRINCIPAL INDICATORS OF ANIMAL HUSBANDRY

Denomination	1998	1999	2000	2001	2002 <sup>+) </sup>
	kilogram				
Cattle for slaughter					
per cow	246	250	294	265	258
per capita	9,8	10,1	11,7	9,6	9,4
Pigs for slaughter					
per sow	1 757	2 022	2 093	1 872	1 902
per capita	70,2	78,4	79,1	67,6	69,0
Sheep for slaughter					
per capita	1,6	1,6	1,3	1,8	1,9
Poultry for slaughter					
per capita	57,4	51,0	61,2	61,0	68,0
Milk production, litres					
per cow	5 363	5 310	5 335	5 516	5 722
per capita	201	203	207,5	204,0	206,8
Eggs production, pieces					
per hen	203	202	217	213	211
per capita	334	323	326	321	335
Wool production					
per sheep	3,6	3,7	3,6	3,4	3,3
per capita	0,3	0,3	0,3	0,4	0,4

**Source:** Hungarian Central Statistical Office

**FODDER CONSUMPTION OF PRINCIPAL BRANCHES  
ENGAGED IN ANIMAL HUSBANDRY**

Denomination	Agricultural companies and partnerships				
	1997	1998	1999	2000	2001

**CATTLE FATTENING**  
(live weight)

Fodder	kg/100 kg	422	393	415	410	419
Of which: maize	kg/100 kg	256	270	249	253	255
Hay	kg/100 kg	170	218	178	290	295
Fermented	kg/100 kg	1 667	1 728	1 639	1 344	1 347
Green	kg/100 kg	197	120	55	173	78

**PIG FATTENING**  
(live weight)

Fodder	kg/100 kg	384	380	380	371	403
Of which: maize	kg/100 kg	177	175	170	168	156

**MILK PRODUCTION**

Fodder	kg/1000 l	410	390	430	400	410
Of which: maize	kg/1000 l	201	183	210	198	164
Hay	kg/1000 l	210	240	290	230	280
Fermented	kg/1000 l	1 270	1 390	1 490	1 360	1 210
Green	kg/1000 l	320	320	310	340	340

**FODDER CONSUMPTION OF PRINCIPAL BRANCHES  
ENGAGED IN ANIMAL HUSBANDRY**

Denomination	Part-time farming				
	1997	1998	1999	2000	2001

**CATTLE FATTENING**  
(live weight)

Fodder	kg/100 kg	250	342	338	322	355
Of which: maize	kg/100 kg	-	-	-	-	-
Hay	kg/100 kg	360	258	264	318	374
Fermented	kg/100 kg	245	320	210	173	180
Green	kg/100 kg	145	196	71	59	98

**PIG FATTENING**  
(live weight)

Fodder	kg/100 kg	342	366	388	356	391
Of which: maize	kg/100 kg	-	-	-	-	-

**MILK PRODUCTION**

Fodder	kg/1000 l	476	457	458	426	448
Of which: maize	kg/1000 l	-	-	-	-	-
Hay	kg/1000 l	579	603	552	663	668
Fermented	kg/1000 l	542	542	565	665	558
Green	kg/1000 l	1 218	1 273	1 014	949	1 271

PRODUCTION COSTS OF SOME CROPS IN LARGE-SCALE  
AGRICULTURAL FARMS  
1998

Denomination	Wheat	Maize	Green peas
	HUF per hectare		
Material costs, total	28 786	37 587	65 663
	7 748	10 853	31 411
Of which:			
cost of sowingseed	7 748	10 853	31 411
cost of propagating material	-	-	-
cost of fertilizer	11 581	14 174	8 012
cost of plant protectives	7 919	10 882	24 209
Wages and saleries	979	591	586
Auxiliary costs	28 207	40 711	40 758
Of which:			
cost of tractors	13 615	15 873	22 236
cost of trucks	2 089	2 612	1 963
cost of harvester-thresher	6 480	9 535	-
cost of drying	2 860	8 951	-
other costs	3 010	3 030	6 031
Other costs	12 830	11 116	64 748
Direct cost, total	69 242	89 740	170 595
Operating general cost	7 219	8 471	7 071
Restricted cost of main product	74 613	97 940	177 666
General farming cost	9 890	12 851	20 297
Production cost	84 503	110 791	197 963
Average sales price, HUF per ton	16 012	14 747	37 780

PRODUCTION COSTS OF SOME CROPS IN LARGE-SCALE  
AGRICULTURAL FARMS  
1999

Denomination	Wheat	Maize
	HUF per hectare	
Material costs, total	30 711	36 906
Of which:	8 246	11 270
cost of sowingseed	-	-
cost of propagating material	12 186	12 368
cost of fertilizer	8 895	11 521
cost of plant protectives		
Wages and salaries	1 078	1 001
Auxiliary costs	31 881	44 213
Of which:		
cost of tractors	16 055	18 701
cost of trucks	2 521	2 325
cost of harvester-thresher	6 964	10 049
cost of drying	2 909	9 813
other costs	3 394	2 854
Other costs	12 674	11 355
Direct cost, total	73 625	92 023
Operating general cost	8 003	8 364
Restricted cost of main product	79 463	99 846
General farming cost	9 946	12 203
Production cost	89 409	112 049
Average sales price, HUF per ton	20 173	16 095

PRODUCTION COSTS OF SOME CROPS IN LARGE-SCALE  
AGRICULTURAL FARMS  
2000

Denomination	Wheat	Maize
	HUF per hectare	
Material costs, total	29 942	37 067
Of which:		
cost of sowingseed	9 245	11 842
cost of propagating material	-	-
cost of fertilizer	11 327	11 780
cost of plant protectives	8 091	11 635
Wages and salaries	857	468
Auxiliary costs	35 367	40 245
Of which:		
cost of tractors	18 038	19 775
cost of trucks	2 094	1 738
cost of harvester-thresher	7 592	7 641
cost of drying	3 503	6 179
other costs	3 951	3 630
Other costs	12 389	11 732
Direct cost, total	75 562	81 596
Operating general cost	8 628	7 387
Restricted cost of main product	81 645	88 606
General farming cost	9 298	10 585
Production cost	90 943	99 191
Average sales price, HUF per ton	27 937	23 843

PRODUCTION COSTS OF SOME CROPS IN LARGE-SCALE  
AGRICULTURAL FARMS  
2001

Denomination	Wheat	Maize
	HUF per hectare	
Material costs, total	36 244	44 387
Of which:		
cost of sowingseed	9 880	13 073
cost of propagating material	-	-
cost of fertilizer	14 735	16 913
cost of plant protectives	9 435	12 862
Wages and saleries	711	590
Auxiliary costs	32 275	48 352
Of which:		
cost of tractors	20 788	22 719
cost of trucks	1 881	1 911
cost of harvester-thresher	7 950	11 490
cost of drying	2 810	8 800
other costs	3 833	2 964
Other costs	14 604	11 232
Direct cost, total	87 799	103 337
Operating general cost	9 746	9 848
Restricted cost of main product	94 241	113 024
General farming cost	12 659	12 839
Production cost	106 900	125 863
Average sales price, HUF per ton	24 034	21 537

PRODUCTION COSTS OF THE MAIN BRANCHES ENGAGED IN ANIMAL  
HUSBANDRY IN AGRICULTURAL COMPANIES AND PARTNERSHIPS  
1998

Denomination	Cattle for slaughter	Pig for slaughter	Broiler chicken
	HUF per 100 kg		
Material costs, total	16 101	15 744	13 956
Of which:			
cost of fodder	15 151	15 063	9 415
other costs	473	127	3 353
Wages and salaries	1 751	694	491
Auxiliary costs	1 727	204	231
Of which:			
cost of tractors	1 256	112	66
cost of trucks	192	65	75
other costs	279	27	90
Other costs	631	221	1 364
Direct cost, total	21 342	17 417	16 464
Operating general cost	3 044	1 542	56
Restricted cost of main product	23 839	18 928	16 497
General farming cost	958	759	574
Production cost	24 797	19 687	17 071
Average sales price	21 684	22 932	16 987



PRODUCTION COSTS OF THE MAIN BRANCHES ENGAGED IN ANIMAL  
HUSBANDRY IN AGRICULTURAL COMPANIES AND PARTNERSHIPS  
1999

Denomination	Cattle for slaughter	Pig for slaughter	Broiler chicken
	HUF per 100 kg		
Material costs, total	15 896	14 699	12 803
Of which:			
cost of fodder	15 164	14 096	9 324
other costs	374	69	62
Wages and salaries	1 953	1091	745
Auxiliary costs	2 157	175	201
Of which:			
cost of tractors	1 411	128	48
cost of trucks	218	30	68
other costs	528	17	85
Other costs	613	668	2 167
Direct cost, total	21 186	17 084	16 222
Operating general cost	3 277	1 779	66
Restricted cost of main product	23 798	18 810	16 269
General farming cost	853	870	561
Production cost	24 651	19 680	16 830
Average sales price	21 191	20 154	15 779

PRODUCTION COSTS OF THE MAIN BRANCHES ENGAGED IN ANIMAL  
HUSBANDRY IN AGRICULTURAL COMPANIES AND PARTNERSHIPS  
2000

Denomination	Cattle for slaughter	Pig for slaughter	Broiler chicken
	HUF per 100 kg		
Material costs, total	18 603	17 045	15 816
Of which:			
cost of fodder	17 926	16 088	10 949
other costs	186	265	39
Wages and salaries	2 401	1 086	828
Auxiliary costs	3 046	307	209
Of which:			
cost of tractors	2 071	155	46
cost of trucks	635	133	87
other costs	322	19	76
Other costs	1 095	845	876
Direct cost, total	26 668	19 647	17 981
Operating general cost	2 564	1 627	81
Restricted cost of main product	28 783	21 244	18 046
General farming cost	746	775	783
Production cost	29 529	22 019	18 829
Average sales price	22 531	25 182	17 200

PRODUCTION COSTS OF THE MAIN BRANCHES ENGAGED IN ANIMAL  
HUSBANDRY IN AGRICULTURAL COMPANIES AND PARTNERSHIPS  
2001

Denomination	Cattle for slaughter	Pig for slaughter	Broiler chicken
	HUF per 100 kg		
Material costs, total			
Of which:	21 077	20 002	17 517
cost of fodder	19 595	18 035	10 727
other costs	224	1 027	70
Wages and salaries	845	1 165	987
Auxiliary costs	3 884	338	190
Of which:			
cost of tractors	2 492	154	130
cost of trucks	156	144	10
other costs	236	40	50
Other costs	995	793	425
Direct cost, total	26 964	22 662	19 153
Operating general cost	2 801	1 851	90
Restricted cost of main product	29 319	24 457	19 250
General farming cost	827	733	913
Production cost	30 146	25 190	20 163
Average sales price	25 800	33 388	20 884

# FERTILIZER SUPPLY\*)

Year	Nitrogenous	Phosphorous	Potassium	Total
	fertilizer in active ingredients			

1 000 tons

1998	248	39	41	328
1999	262	40	45	347
2000	258	45	52	355
2001	275	58	62	395
2002	293	60	70	423

Per hectare of agricultural area, kg

1998	40	6	7	53
1999	43	6	7	56
2000	44	8	9	61
2001	47	10	11	67
2002	50	10	12	72

Per hectare of arable land, garden, orchard, vineyard, kg

1998	49	8	8	65
1999	52	8	9	69
2000	54	9	11	74
2001	57	12	13	82
2002	61	12	15	88

\*) Direct sales of organizations dealing with the trade of agricultural capital goods to agriculture and forestry.

**CONSUMPTION OF FERTILIZERS**  
Corporations

Years	Total	Of which:			
		arable land	orchards	vineyards	grassland

Fertilized area, thousand hectares

1998	692,3	666,3	6,9	1,0	14,1
1999	717,8	694,1	6,1	1,0	13,6
2000	835,9	811,4	7,8	2,5	12,4
2001	1 055,5	1 021,5	9,3	2,8	18,5
2002	1 146,6	1 113,9	8,9	2,4	16,9

Total fertilizer in active ingredients,  
thousand tons

1998	101,1	98,2	1,4	0,3	1,0
1999	105,2	102,4	1,4	0,2	0,9
2000	134,4	131,1	1,6	0,9	0,8
2001	171,6	168,2	1,3	0,5	1,3
2002	198,9	194,5	2,1	0,7	1,2

Per hectare of fertilized area, kilogram

1998	146	147	199	278	73
1999	147	148	230	224	66
2000	161	162	200	350	63
2001	163	165	141	188	72
2002	173	175	237	315	73

**Source:** Hungarian Central Statistical Office

**CONSUMPTION OF FERTILIZERS**  
Co-operatives

Years	Total	Of which:			
		arable land	orchards	vineyards	grassland

Fertilized area, thousand hectares

1998	1 074,1	1 052,9	2,5	0,8	17,4
1999	860,9	846,7	1,9	1,0	11,0
2000	683,9	673,4	1,7	0,5	7,8
2001	516,3	508,5	1,0	0,2	6,0
2002	413,6	408,5	1,0	0,3	3,7

Total fertilizer in active ingredients,  
thousand tons

1998	134,3	132,3	0,4	0,1	1,3
1999	131,5	130,3	0,3	0,2	0,7
2000	90,2	89,1	0,3	0,1	0,6
2001	68,5	67,9	0,2	0,0	0,3
2002	64,4	63,7	0,4	0,0	0,2

Per hectare of fertilized area, kilogram

1998	125	126	180	190	77
1999	153	154	171	175	61
2000	132	132	158	188	76
2001	133	134	172	135	52
2002	156	156	382	343	63

**Source:** Hungarian Central Statistical Office

## MANURING OF CORPORATIONS

Year	Total	Of which:		
		arable land	orchard	vineyard

### Manured area, hectare

1998	43 018	36 962	670	302
1999	53 096	46 101	807	256
2000	59 260	53 861	1 214	783
2001	72 980	63 126	1 139	617
2002	92 504	81 065	2 054	567

### Total manure, 1 000 tons

1998	1 382	1 326	19	6
1999	1 670	1 611	28	8
2000	2 106	2 010	47	34
2001	2 059	1 947	37	14
2002	2 964	2 790	57	22

### Per hectare of manured area, ton

1998	32	36	29	20
1999	31	35	34	30
2000	36	37	39	43
2001	28	31	32	23
2002	32	34	28	39

**Source:** Hungarian Central Statistical Office

## MANURING OF CO-OPERATIVES

Year	Total	Of which:		
		arable land	orchard	vineyard

### Manured area, hectare

1998	49 047	47 565	416	90
1999	54 814	53 491	396	198
2000	45 079	43 063	261	213
2001	22 918	21 506	201	49
2002	22 513	21 298	208	248

### Total manure, 1 000 tons

1998	1 875	1 846	19	3
1999	2 245	2 211	21	7
2000	1 757	1 727	5	6
2001	810	799	5	1
2002	916	900	5	4

### Per hectare of manured area, ton

1998	38	39	45	36
1999	41	41	53	34
2000	39	40	17	27
2001	35	37	25	27
2002	41	42	24	16

**Source:** Hungarian Central Statistical Office



PLANT PROTECTION  
1998

Land use categories	Area (hectares) treated with			
	herbicide	insecticide	fungicide	other pesticide

Corporations

Arable land	64 3528	227 432	282 225	105 424
Orchard	5 739	9 749	9 788	4 271
Vineyard	2 785	3 075	3 263	1 061
Grassland	375	-	-	51
Fish-pond	-	-	-	900
Other	530	1 358	328	440
<b>Total</b>	<b>652 957</b>	<b>241 614</b>	<b>295 604</b>	<b>112 147</b>

Co-operatives

Arable land	1 065 059	318 928	440 656	181 858
Orchard	2 214	3 555	3 400	1 617
Vineyard	1 908	2 276	2 522	753
Grassland	963	-	-	55
Fish-pond	23	-	-	23
Other	69	73	57	51
<b>Total</b>	<b>1 070 236</b>	<b>324 832</b>	<b>446 635</b>	<b>184 357</b>

*Source:* Hungarian Central Statistical Office

PLANT PROTECTION  
1999

Land use categories	Area (hectares) treated with			
	herbicide	insecticide	fungicide	other pesticide

Corporations

Arable land	659 625	231 549	294 288	116 371
Orchard	6 324	10 888	11 024	4 085
Vineyard	2 868	3 155	3 525	1 556
Grassland	419	80	60	65
Fish-pond	-	-	-	900
Other	814	952	320	435
<b>Total</b>	<b>670 050</b>	<b>246 624</b>	<b>309 217</b>	<b>123 412</b>

Co-operatives

Arable land	872 421	277 711	342 339	175 202
Orchard	1 755	3 247	3 265	1 426
Vineyard	1 855	1 881	2 066	636
Grassland	308	-	-	-
Fish-pond	-	-	-	-
Other	92	78	68	123
<b>Total</b>	<b>876 431</b>	<b>282 917</b>	<b>347 738</b>	<b>177 387</b>

*Source:* Hungarian Central Statistical Office

PLANT PROTECTION  
2000

Land use categories	Area (hectares) treated with			
	herbicide	insecticide	fungicide	other pesticide

Corporations

Arable land	786 052	280 564	325 716	105 141
Orchard	8 285	11 702	11 942	4 393
Vineyard	3 963	4 623	5 275	2 368
Grassland	431	6		235
Fish-pond	9			10
Other	4 359	4 837	169	402
<b>Total</b>	<b>803 099</b>	<b>301 732</b>	<b>343 102</b>	<b>112 549</b>

Co-operatives

Arable land	673 648	205 514	234 119	106 560
Orchard	1 571	2 538	2 736	996
Vineyard	1 536	1 710	1 767	757
Grassland	330		100	
Fish-pond				
Other	55	115	57	60
<b>Total</b>	<b>677 140</b>	<b>209 877</b>	<b>238 779</b>	<b>108 373</b>

*Source:* Hungarian Central Statistical Office

PLANT PROTECTION  
2001

Land use categories	Area (hectares) treated with			
	herbicide	insecticide	fungicide	other pesticide

Corporations

Arable land	977 766	366 377	456 807	170 801
Orchard	9 736	13 390	13 693	5 707
Vineyard	4 812	5 961	6 260	2 657
Grassland	1 142	37	-	202
Fish-pond	1	25	10	68
Other	4 331	5 069	517	448
<b>Total</b>	<b>997 788</b>	<b>390 859</b>	<b>477 287</b>	<b>179 883</b>

Co-operatives

Arable land	502 681	161 540	204 950	87 560
Orchard	931	1 501	1 532	400
Vineyard	969	1 158	1 183	794
Grassland	69	-	-	-
Fish-pond	-	-	-	-
Other	6	51	49	51
<b>Total</b>	<b>504 656</b>	<b>164 250</b>	<b>207 714</b>	<b>88 805</b>

**Source:** Hungarian Central Statistical Office

**PLANT PROTECTION OF AGRICULTURAL ENTERPRISES  
2002**

Crops	Area treated with				
	Insecticide and acaricide	Fungicide and bactericide	Herbicide	Soil sterilizator	Other chemicals
	hectar				

Cereals	293 800	420 589	638 056	6 630	63 510
Maize <sup>a)</sup>	60 740	16 120	373 498	34 710	14 731
Rice	902	788	1 741	4	939
Other cereals	4 626	4 123	14 408	212	1 358
Dry pulses	12 946	8 962	18 023	28	2 933
Sugar beet	31 106	34 982	37 940	28 772	13 737
Potatoes	3 233	3 397	3 367	2 848	1 292
Oil seeds	124 007	118 921	266 395	17 177	88 994
Tobacco	971	768	574	593	765
Fodder and forage plants	16 833	3 166	73 175	2 495	8 260
Linen and hemp	19	27	88	—	—
Medicinal plants	166	97	703	19	61
Herbs	1 049	660	1 509	335	411
Flowers and ornamental plants	674	620	898	68	306
Vegetables	18 995	14 818	20 53	2 876	5 308
Grapes	7 949	8 695	5 692	116	1 126
Fruits	18 932	19 071	11 946	1 243	3 704

<sup>a)</sup> Sweet corn excluded

**Source:** Hungarian Central Statistical Office

## PRODUCTION PER CAPITA

Denomination	Average of 1996- 2000	1998	1999	2000	2001	2002 <sup>+) </sup>
	kilogram					
Cereals	1 184	1 286	1 102	1 032	1 476	1 146
Pulses	11	14	12	5	7	5
Potatoes	108	113	103	86	89	74
Vegetables	170	178	196	149	182	182
Fruits	90	83	81	103	90	69
Wine, litres	41	43	33	43	53	33
Cattle for slaughter	11	10	10	12	10	9
Pigs for slaughter	76	70	78	79	68	69
Sheep for slaughter	2	2	2	1	2	2
Poultry for slaughter	54	57	51	61	61	68
Cow milk, litre	198	201	203	208	204	207
Hen eggs, piece	328	334	323	326	321	335

**Source:** Hungarian Central Statistical Office

### DISTRIBUTION OF ARABLE LAND BY TYPES OF FARMS<sup>a)</sup>

Denomination	1990	1998	1999	2000	2001	2002
	per cent					
Corporations	14,2	17,4	19,2	24,4	26,6	27,4
Co-operatives	73,1	26,8	24,3	20,5	14,9	11,5
Private farmers	12,7	55,8	56,5	55,1	58,5	61,1
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>

<sup>a)</sup> Land area by use.

**Source:** Hungarian Central Statistical Office

### USE OF PRINCIPAL FUELS IN AGRICULTURE

Denomination	Average of 1996- 2000	1998	1999	2000	2001
Coal, thousand tons	67,4	83,0	80,0	67,0	67,0
Natural gas, million cu.m.	188,2	258,0	273,0	242,0	265,0
Firewood, thousand tons	101,8	90,0	84,0	77,0	77,0
Gasoline, thousand tons	24,7	25,0	25,0	23,0	26,0
Gas and heating oil, thousand tons	455,6	378,0	373,0	338,0	338,0
Fuel oil, thousand tons	9,5	16,0	17,0	17,0	21,0
Electricity, million kWh	1 021,2	965,0	990,0	941,0	948,0

**Source:** Energy Information Agency.

## PRODUCER-PROCUREMENT PRICE INDICES

Denomination	1998	1999	2000	2001	2002 <sup>+</sup>
--------------	------	------	------	------	-------------------

1990 = 100,0

Plant cultivation and horticultural products	139,6	152,7	199,7	190,1	193,4
Products of plant cultivation	138,3	155,9	206,1	198,1	200,0
Vegetables	160,9	161,4	209,6	200,0	205,8
Fruits	114,7	113,2	132,5	112,9	127,0
Wine-grape, must, wine	129,6	157,7	190,0	169,7	165,3
Live animals and animal products	163,2	155,6	174,9	209,4	199,0
Agricultural products total	150,1	154,0	188,7	198,3	195,8

Previous year = 100,0

Plant cultivation and horticultural products	96,5	109,4	130,8	94,5	101,7
Products of plant cultivation	93,2	112,3	132,8	95,5	101,0
Vegetables	100,9	100,3	129,9	94,9	102,9
Fruits	116,2	98,8	117,0	85,2	112,4
Wine-grape, must, wine	108,9	121,6	120,5	89,7	97,4
Live animals and animal products	110,5	95,3	112,4	119,7	95,0
Agricultural products total	102,8	102,6	122,5	104,9	98,9

**Source:** Hungarian Central Statistical Office



## PROCUREMENT VOLUME INDICES OF AGRICULTURAL PRODUCT

Denomination	1998	1999	2000	2001	2002 <sup>+) </sup>
--------------	------	------	------	------	---------------------

1990 = 100,0

Plant cultivation and horticultural products	94,5	101,6	84,5	108,0	108,1
Products of plant cultivation	82,5	98,2	72,5	99,2	96,7
Vegetables	130,7	102,7	103,0	134,5	175,2
Fruits	161,8	130,6	170,4	163,9	162,6
Wine-grape, must, wine	130,2	121,8	147,1	125,6	86,9
Live animals and animal products	102,5	108,0	106,6	105,2	107,1
Agricultural products total	98,8	105,1	96,7	106,5	107,6

Previous year = 100,0

Plant cultivation and horticultural products	100,2	107,5	83,2	127,8	100,1
Products of plant cultivation	94,0	119,0	73,8	136,9	97,5
Vegetables	137,7	78,6	100,3	130,6	130,2
Fruits	105,0	80,7	130,5	96,2	99,2
Wine-grape, must, wine	98,1	93,6	120,7	85,4	69,2
Live animals and animal products	98,5	105,4	98,7	98,7	101,8
Agricultural products total	99,3	106,3	92,0	110,2	101,0

**Source:** Hungarian Central Statistical Office

## PROCUREMENT OF AGRICULTURAL PRODUCTS

Denomination	1998	1999	2000	2001	2002 <sup>+</sup>
	1000 tons				
Wheat	2 256	1 703	2 135	2 614	2 161
Barley	273	209	215	367	365
Maize	2 029	2 754	2 062	2 603	2 817
Sugar-beet	3 317	3 434	2 273	3 202	2 524
Sunflower seed	531	758	306	660	924
Potatoes	21	34	41	39	52
Vegetables	29	28	22	53	43
Onions, dry					
Green peas, (shelled weight)	50	44	42	94	111
Tomatoes	220	107	95	88	150
Sweet pepper <sup>a)</sup>	38	34	21	36	48
Apple	241	147	291	258	278
Wine-grapes, must, wine together, <sup>b)</sup> 1000 hls	1 799	1 642	2 049	1 784	1 158
Cattle for slaughter <sup>c)</sup>	80	84	85	70	67
Pigs for slaughter <sup>d)</sup>	430	520	488	447	460
Sheep for slaughter	6	6	7	7	6
Poultry for slaughter	312	269	309	350	369
Hen eggs, million pieces	242	215	228	230	238
Cow milk, million litres	1 638	1 629	1 686	1 674	1 736

<sup>a)</sup> Red-coloured pepper included.

<sup>b)</sup> Converted into once drawn wine.

<sup>c)</sup> Calf included.

<sup>d)</sup> Gilt and piglet included.

**Source:** Hungarian Central Statistical Office

## AVERAGE PRODUCER-PROCUREMENT PRICES OF MAIN PRODUCTS

Denomination	1998	1999	2000	2001	2002 <sup>+) </sup>
Wheat, HUF per ton	15 536	19 851	27 778	22 828	22 815
Barley, HUF per ton	13 652	17 469	27 882	25 746	25 260
Maize, HUF per ton	14 718	15 734	25 355	19 611	21 325
Sugar-beets, HUF per ton	4 786	5 364	6 879	7 780	8 382
Sunflower seed, HUF per ton	52 947	49 906	48 500	60 136	66 468
Potatoes, HUF per ton	29 523	28 240	33 953	34 134	33 521
White cabbage, HUF per kg	28,60	26,10	34,50	39,10	43,90
Onions, dry HUF per kg	28,90	27,20	36,20	24,50	31,80
Green beans, HUF per kg	37,90	40,40	42,60	49,00	52,40
Green peas (shelled weight), HUF per kg	41,10	40,00	44,50	55,80	51,30
Tomatoes, HUF per kg	18,00	16,50	18,00	18,10	18,50
Sweet pepper, HUF per kg	59,00	77,70	88,00	114,40	99,20
Apple, HUF per kg	16,70	28,80	18,40	14,10	11,50
Pears, HUF per kg	43,20	41,30	47,10	46,50	55,20
Apricots, HUF per kg	99,40	35,40	108,90	71,30	139,30
Peaches, HUF per kg	51,20	41,00	43,60	64,60	72,60
Wine-grapes, HUF per kg	34,90	44,40	58,50	51,10	50,90
Wine <sup>c)</sup> , HUF per litre	76,50	99,90	118,30	120,00	87,00
Pigs for slaughter, <sup>a)</sup> HUF per kg	227,00	192,70	237,00	333,00	275,00
Cattle for slaughter <sup>b)</sup> HUF per kg	211,10	199,70	206,90	210,30	216,40
Poultry for slaughter, HUF per kg	195,10	188,80	201,50	238,10	223,50
Cow milk, HUF per litre	55,50	59,40	63,00	68,50	72,20
Hen eggs, HUF per piece	12,30	10,40	12,50	14,30	15,10

<sup>a)</sup> Without gilt and piglet.

<sup>b)</sup> Without calf for slaughter.

<sup>c)</sup> In barrel.

**Source:** Hungarian Central Statistical Office

# AVERAGE PRODUCER-MARKET PRICES<sup>\*)</sup>

Denomination	1998	1999	2000	2001	2002
HUF per kilogram					

## Plant cultivation products

Wheat (fodder)	19,50	23,70	31,30	34,70	28,60
Barley (fodder)	20,20	22,40	28,70	35,60	25,40
Oats (fodder)	24,30	22,30	27,90	36,40	31,60
Maize (shelled, fodder)	16,40	20,80	30,70	33,20	28,20
Bean (dry)	315,80	336,70	385,90	542,50	547,00
Pea (dry)	149,00	157,50	174,70	212,70	214,90
Lentil (for consumption)	249,70	267,90	302,60	345,30	359,50
Poppy seed (for consumption)	609,60	563,90	571,80	601,90	555,20
Potato (for consumption)	69,50	68,50	69,40	69,90	71,10

## Vegetables

White cabbage	67,00	59,40	65,80	63,30	95,70
Kohlrabi	155,30	144,50	187,60	161,50	194,40
Carrot	134,20	136,20	154,70	136,30	152,00
Parsley root	241,30	181,10	372,40	233,60	287,90
Radish	150,20	194,20	167,80	198,20	236,00
Dry onion	99,30	78,90	95,20	89,30	112,30
Garlic	275,10	286,00	309,20	364,80	413,10
Lettuce	198,70	228,60	268,30	209,40	266,60
Spinach	175,20	188,80	251,80	265,70	293,40
Cucumber	134,40	147,40	192,10	176,80	168,70
Squash	80,70	77,40	80,50	89,30	96,50
Cantaloupe	142,10	121,20	308,40	155,60	118,90
Watermelon	58,60	55,60	93,10	76,70	58,50
Green beans	164,30	170,60	296,00	263,30	253,10
Green peas, in the shell weight	113,40	120,20	258,40	197,30	209,40
Tomato	173,50	174,80	197,10	216,30	225,80
Sweet corn	94,00	121,30	161,00	130,50	168,40
Mushroom (cultivated)	255,30	285,00	320,20	352,70	369,60
Sweet pepper	165,90	198,50	276,50	251,20	251,00

<sup>\*)</sup> Average offer prices.

**Source:** Hungarian Central Statistical Office

**AVERAGE PRODUCER-MARKET PRICES<sup>\*)</sup>**  
(continued)

Denomination	1998	1999	2000	2001	2002
	HUF per kilogram				
<b>Fruits</b>					
Apple	90,80	103,60	108,20	96,00	122,6
Pear	158,40	170,70	199,20	236,90	276,1
Cherry	255,00	161,50	337,40	324,80	360,6
Sour cherry	304,30	211,30	308,70	291,80	265,7
Plum and greengage	127,30	106,20	125,90	136,00	176,00
Apricot	246,50	124,60	306,20	264,70	391,00
Peach	182,80	134,10	189,80	225,70	328,30
Walnut (in the shell)	319,30	365,50	333,70	307,60	392,9
Chestnut	335,10	354,20	342,20	388,50	464,3
Gooseberry	213,40	214,90	335,30	324,90	350,1
Currants (red and white)	255,70	217,10	359,20	324,50	342,1
Raspberry	424,90	485,90	550,70	599,70	692,9
Strawberry	428,90	323,40	332,00	465,80	475,6
Grapes for table use	139,00	156,90	163,70	182,10	233,30
<b>Live animals</b>					
Cows <sup>a)</sup>	241,60	246,00	245,50	288,90	285,50
Heifer <sup>a)</sup>	283,40	278,70	288,90	317,50	333,30
Bullock and steers <sup>a)</sup>	317,80	322,00	336,50	371,90	379,50
Calves (less than 6 months) <sup>a)</sup>	421,70	426,50	458,90	494,50	507,50
Pigs for slaughter	291,60	226,80	248,50	360,00	341,80
Gilts	366,60	232,80	295,00	466,30	459,50
Piglet (HUF per head)	7 498	4 476	5 959	9 431	9 159
Ewes <sup>a)</sup>	259,40	274,10	279,40	291,10	307,00
Lambs after weaning <sup>a)</sup>	285,60	302,20	328,40	320,70	364,40
Draught horse (HUF per head) <sup>a)</sup>	194 216	180 463	187 906	208 100	242 227
Live hen	335,50	321,70	372,50	405,00	413,80
Live chicken	326,00	326,60	397,10	426,20	413,90
Live goose	400,40	371,40	357,00	449,90	497,90
Live duck	365,50	346,10	366,70	453,70	481,50
Live turkey	373,00	400,20	409,50	496,20	498,50
<b>Animal products</b>					
Cow milk (HUF per litre)	80,00	87,90	104,50	123,70	133,00
Hen eggs (HUF per piece)	14,70	13,80	17,90	19,60	18,70
Honey	681,90	725,10	704,10	733,30	877,80

<sup>a)</sup> Prices of livestock markets

<sup>\*)</sup> Average offer prices.

**Source:** Hungarian Central Statistical Office

## ANNUAL AVERAGE PRICES OF SELECTED GOODS

Goods	1998	1999	2000	2001	2002
	HUF				
Pork, leg, without bone and hoof, kg	745	606	776	1 030	897
Beef, shoulder, with bone, kg	607	629	670	781	846
Chicken ready to cook, kg	448	426	443	501	479
Smoked sausage, „Gyulai” type, kg	1 442	1 440	1 610	2 040	2 160
Sausage „Bologna” type, kg	440	406	445	562	597
Fresh eggs, 10 pieces	157	141	192	209	197
Milk, pasteurized, 2,8 per cent fat content, l	91	98	115	141	155
Cheese „Trappista” type, kg	896	975	1150	1280	1310
Sour cream 20 per cent fat content, 0,2 l plastic cup, piece	57,50	61	67,80	76,80	80,20
Lard (pork), kg	293	210	219	327	338
Fat bacon, kg	558	524	538	719	786
Sunflower oil, l	249	274	242	250	291
Flour prime quality, kg	56,40	51	66,30	78,30	69,90
Rice unpolished, kg	156	173	171	172	169
Bread, home-made type, kg	111	113	130	159	167
Sugar, white, granulated, kg	124	135	145	179	187
Coffee, „Omnia” type, 100 g, pack <sup>a)</sup>	288	513	493	498	489
White table wine, 1 l, bottle	188	195	209	245	268
Domestic beer, 10,5 B, 0,5 l, bottle	73,90	82	89,40	99	108
Rum or fruit based spirit 0,2 l bottle	285	304	317	335	356
Cigarettes „Sopianae” multifilter, short, 20 pieces, box	169	198	228	258	287

<sup>a)</sup> From 1998, 125 gr, from 1999, 250 gr.

**Source:** Hungarian Central Statistical Office

## STOCK OF MAIN MACHINES BY LEGAL FORMS

Stock of machines	Corporations Co-operatives	Private farmers	Total
Tractor, piece <sup>a)</sup>			
1991	46 352	45 561	91 913
1996	27 290	64 925	92 215
2000	26 199	87 107	113 306
Tractor capacity, <sup>a)</sup> 1000 kW			
1991	3 071	1 276	4 347
1996	2 004	2 863	4 867
2000	1 927	3 956	5 883
Combine-harvester for cereals, piece			
1991	9 841	559	10 400
1996	6 293	3 209	9 502
2000	5 660	6 453	12 113
Combine-harvester capacity for cereals, 1000 kW			
1991	1 288	62	1 350
1996	853	297	1 150
2000	800	626	1 426
Truck, piece			
1991	25 885	15 398	41 283
1996	12 706	25 503	38 209
2000	10 505	15 320	25 825
Truck capacity, 1000 kW			
1991	1 955	1 177	3 132
1996	1 033	1 659	2 692
2000	1 037	1 016	1 832

<sup>a)</sup> Without tractors with less than 8kW engine power

**Source:** Hungarian Central Statistical Office

## STOCK OF MAIN MACHINES

Denomination	1991	1996	2000
Engine capacity of mechanical traction power <sup>a)</sup> , 1000 kW	9693	9687	9886
Number of tractors, 1000 pieces	92,0	92,2	113,3
Average engine capacity of tractors, kW	47	53	52
Number of combine harvesters, 1000 pieces	10,4	9,5	12,1
Number of self-propelled loader, 1000 pieces	6,0 <sup>b)</sup>	4,2	5,5
Number of trucks, 1000 pieces	41,3	38,2	25,8
Average engine capacity of trucks, kW	76	70	71
Number of buses, 1000 pieces	3,0 <sup>b)</sup>	2,5	2,3

<sup>a)</sup> Excluding engine capacity of cars and buses.

<sup>b)</sup> Data of corporations and co-operatives.

**Source:** Hungarian Central Statistical Office



BUILDINGS, CONSTRUCTIONS USED FOR PLANT CULTIVATION  
2000

Denomination	Private farmers	Corporations Co-operatives	Total
Capacity of hay driers, operating by cold air, ton/hour	8 398	83 096	91 484
Capacity of grain driers, operating by hot air, ton/hour	1 768	15 537	17 305
Granary, m <sup>2</sup>	3 076 741	4 407 755	7 484 496
Silo			
for silage, m <sup>3</sup>	509 444	2 944 565	3 454 009
for cereals, m <sup>3</sup>	202 534	1 523 656	1 726 190
Covered storage, m <sup>3</sup>	2 314 014	791 818	3 105 832
of which is cold storage, m <sup>3</sup>	50 794	291 385	342 179
Maize shed, m <sup>3</sup>	3 166 086	45 537	3 211 623

**Source:** Hungarian Central Statistical Office

BUILDINGS, CONSTRUCTIONS FOR HORTICULTURE AND VINICULTURE  
2000

Denomination	Private farmers	Corporations Co-operatives	Total
Greenhouse, 1000 m <sup>2</sup>	582	1 029	1 611
Foil tent, 1000 m <sup>2</sup>	24 050	863	24 913
Covered storage, 1000 m <sup>3</sup>	2 314	792	3 106
of which is cold storage 1000 m <sup>3</sup>	51	291	342
Wine cellar capacity, 1000 hl	2 236	1 897	4 133

**Source:** Hungarian Central Statistical Office

OTHER BUILDINGS, CONSTRUCTIONS  
2000

Denomination	Private farmers	Corporations Co-operatives	Total
Fertilizer and chemical storage, 1000 m <sup>2</sup>	50	321	371
Material and spare parts store, 1000 m <sup>2</sup>	244	711	955
Feed mixer, 1000 tons	2	4	6
Barn, 1000 m <sup>2</sup>	4 435	2156	6 591
Fuel storage, 1000 m <sup>3</sup>	689	1 250	1 939
Workshop, 1000 m <sup>2</sup>	14	120	133
Well, piece	373	6	378

*Source:* Hungarian Central Statistical Office

# BUILDINGS FOR ANIMAL HUSBANDRY 2000

Denomination	Private farmers	Corporations Co-operatives	Total
--------------	-----------------	-------------------------------	-------

## Cattle

Building capacity for cattle breeding, 1000 heads	607	828	1 436
Livestock of cattle <sup>a)</sup> , 1000 heads	262	543	805
Utilization percent, %	43,2	65,6	56,1

## Pigs

Building capacity for pig breeding, 1000 heads	5 696	3 205	8 901
Livestock of pigs <sup>a)</sup> , 1000 heads	2 351	2 483	4 834
Utilization percent, %	41,3	77,5	54,3

## Sheep

Capacity of sheep-folds, 1000 heads	1 370	558	1 928
Livestock of sheep <sup>a)</sup> , 1000 heads	923	206	1 129
Utilization percent, %	67,4	36,9	58,6

## Poultry

Building capacity for poultry breeding, 1000 m <sup>2</sup>	6 989	4 056	11 045
Livestock of poultry <sup>a)</sup> , 1000 heads	18 609	18 407	37 016
Utilization, head/ m <sup>2</sup>	2,7	4,5	3,4

<sup>a)</sup> Livestock on 1<sup>st</sup> December 2000.

**Source:** Hungarian Central Statistical Office





MAIN DATA  
1998

Denomination	Volume indices of production, previous <sup>a)</sup> year=100,0	Number of persons employed, thousands	Average monthly gross earnings, HUF	Average monthly net earnings, HUF
Manufacture of food products, beverages and tobacco products	101,0	119,5	67 539	45 036
Processing and preserving of meat products and fish products	93,4	20,1	60 036	41 179
Processing and preserving of poultry	115,0	16,9	56 329	39 193
Processing and preserving of fruit and vegetables	103,1	14,1	59 214	40 641
Manufacture of dairy products	105,5	11,6	69 239	46 079
Manufacture of grain mill products	91,2	6,6	65 074	43 920
Manufacture of prepared animal feeds	122,9	5,9	76 350	49 929
Manufacture of bakery products	103,8	16,8	47 039	33 970
Manufacture of sugar	75,2	3,0	92 657	58 395
Manufacture of cocoa, chocolate and sugar confectionery	100,4	4,4	80 011	51 796
Manufacture of ethyl alcohol and alcoholic beverages	123,7	1,4	83 574	53 528
Manufacture of wines	122,1	2,8	59 827	40 846
Manufacture of beer and malt	98,1	4,2	109 710	66 955
Manufacture of soft drinks, production of mineral water	101,6	4,0	113 521	68 748
Manufacture of tobacco products	104,8	2,0	123 278	74 395

<sup>a)</sup> Data of companies with over 10 employees

**Source:** Hungarian Central Statistical Office

MAIN DATA  
1999

Denomination	Volume indices of production, previous <sup>a)</sup> year=100,0	Number of persons employed, thousands	Average monthly gross earnings, HUF	Average monthly net earnings, HUF
Manufacture of food products, beverages and tobacco products	102,6	128,8	73 476	47 993
Production and preserving of meat	122,5	15,0	69 396	46 325
Processing and preserving of poultry meat	89,8	16,5	63 996	43 099
Production of meat and poultrymeat products	81,3	5,4	63 051	42 688
Processing and preserving of fruit and vegetables	89,0	12,5	65 431	43 771
Manufacture of dairy products	102,0	10,5	77 766	50 658
Manufacture of grain mill products	116,4	6,7	67 803	45 082
Manufacture of prepared animal feeds	94,0	6,1	80 154	51 770
Manufacture of bread, fresh pastry goods and cakes	106,7	22,7	47 441	33 820
Manufacture of sugar	104,3	2,3	111 840	68 628
Manufacture of cocoa, chocolate and sugar confectionery	100,8	4,5	79 930	51 535
Manufacture of ethyl alcohol and alcoholic beverages	125,1	1,7	94 427	59 409
Manufacture of wines	141,6	3,7	60 607	40 855
Manufacture of beer and malt	112,1	4,0	125 490	74 629
Manufacture of soft drinks, production of mineral water	115,1	4,7	122 053	72 799
Manufacture of tobacco products	109,6	2,0	151 560	89 380

<sup>a)</sup> Data of companies with over 5 employees

**Source:** Hungarian Central Statistical Office



MAIN DATA  
2000

Denomination	Volume indices of production, previous <sup>a)</sup> year=100,0	Number of persons employed, thousands	Average monthly gross earnings, HUF	Average monthly net earnings, HUF
Manufacture of food products, beverages and tobacco products	106,2	125,7	85 001	54 348
Production and preserving of meat	98,9	15,0	77 911	50 996
Processing and preserving of poultry meat	97,4	15,5	71 292	47 233
Production of meat and poultrymeat products	115,8	5,7	72 554	48 009
Processing and preserving of fruit and vegetables	111,2	12,5	73 180	48 052
Manufacture of dairy products	106,7	9,9	90 104	57 345
Manufacture of grain mill products	115,8	6,8	80 023	51 836
Manufacture of prepared animal feeds	97,0	5,2	98 169	61 396
Manufacture of bread, fresh pastry goods and cakes	108,6	21,7	51 738	36 405
Manufacture of sugar	78,4	1,9	135 276	81 276
Manufacture of cocoa, chocolate and sugar confectionery	97,3	4,2	98 472	61 941
Manufacture of ethyl alcohol and alcoholic beverages	110,3	1,5	111 622	68 851
Manufacture of wines	147,4	3,9	70 140	46 196
Manufacture of beer and malt	106,5	3,7	142 705	83 626
Manufacture of soft drinks, production of mineral water	117,4	4,9	141 650	83 396
Manufacture of tobacco products	92,5	1,9	179 981	104 841

<sup>a)</sup> Data of companies with over 5 employees

**Source:** Hungarian Central Statistical Office

MAIN DATA  
2001

Denomination	Volume indices of production, previous year=100,0	Number of persons employed, thousands	Average monthly gross earnings, HUF	Average monthly net earnings, HUF
Manufacture of food products, beverages and tobacco products	100,5	122,8	97 836	61 985
Production and preserving of meat	89,2	14,0	85 335	55 819
Processing and preserving of poultry meat	105,8	15,5	80 571	53 274
Production of meat and poultrymeat products	95,0	5,4	83 285	54 614
Processing and preserving of fruit and vegetables	106,1	12,2	84 867	55 254
Manufacture of dairy products	98,0	9,0	100 666	63 706
Manufacture of grain mill products	90,5	6,9	90 547	58 392
Manufacture of prepared animal feeds	96,2	5,1	115 834	71 245
Manufacture of bread, fresh pastry goods and cakes	79,6	21,0	60 564	42 361
Manufacture of sugar	117,4	1,8	156 262	92 247
Manufacture of cocoa, chocolate and sugar confectionery	131,3	4,4	124 216	76 229
Manufacture of ethyl alcohol and alcoholic beverages	139,3	1,6	116 325	71 663
Manufacture of wines	96,7	4,0	84 114	54 660
Manufacture of beer and malt	95,2	3,4	163 293	94 809
Manufacture of soft drinks, production of mineral water	95,8	5,1	145 722	85 919
Manufacture of tobacco products	117,3	2,1	208 376	119 297

**Source:** Hungarian Central Statistical Office

MAIN DATA  
2002

Denomination	Volume indices of production, previous year=100,0	Number of persons employed, thousands	Average monthly gross earnings, HUF	Average monthly net earnings, HUF
Manufacture of food products, beverages and tobacco products	101,9	128,3	108 857	70 995
Production and preserving of meat	106,8	15,3	90 487	61 972
Processing and preserving of poultry meat	95,9	15,8	90 449	61 861
Production of meat and poultrymeat products	116,2	5,7	97 329	65 255
Processing and preserving of fruit and vegetables	113,7	12,7	96 634	64 629
Manufacture of dairy products	99,4	9,1	114 631	74 159
Manufacture of grain mill products	89,8	6,4	95 485	64 156
Manufacture of prepared animal feeds	102,7	5,5	127 324	80 283
Manufacture of bread, fresh pastry goods and cakes	103,3	23,0	70 899	51 273
Manufacture of sugar	85,7	1,6	179 181	106 760
Manufacture of cocoa, chocolate and sugar confectionery	105,8	4,8	127 551	81 150
Manufacture of ethyl alcohol and alcoholic beverages	96,0	1,7	125 973	79 798
Manufacture of wines	92,9	4,4	88 499	60 118
Manufacture of beer and malt	105,3	3,2	193 535	113 039
Manufacture of soft drinks, production of mineral water	102,4	4,3	179 946	106 378
Manufacture of tobacco products	96,0	2,0	250 441	144 266

**Source:** Hungarian Central Statistical Office

# INVESTMENTS IN THE FOOD INDUSTRY<sup>a)</sup>

Sub-branches	1998	1999	2000	2001	2002 <sup>+</sup>
	At current prices, million HUF				
Manufacture of food products, beverages and tobacco products	73 767	85 676	75 725	95 744	96 106
Of which:					
Processing and preserving of meat and meat products and fish and fish products	5 047	5 638	7 261	7 124	8 394
Processing and preserving of poultry	9 527	6 064	7 804	7 513	7 696
Processing and preserving of fruit and vegetables	7 812	6 744	8 531	9 916	8 324
Manufacture of dairy products	5 314	6 642	4 737	6 418	9 097
Manufacture of grain mill products	1 202	2 417	2 873	3 878	2 894
Manufacture of prepared animal feeds	4 168	9 860	4 625	6 047	6 401
Manufacture of sugar	5 020	2 776	3 181	2 422	2 505
Manufacture of cocoa, chocolate and sugar confectionery	2 142	2 858	2 098	6 213	2 692
Manufacture of ethyl alcohol and alcoholic beverages	509	1 219	1 299	1 292	1 725
Manufacture of wines	2 219	2 600	3 363	3 791	3 371
Manufacture of beer and malt	4 980	5 990	4 658	5 623	6 859
Manufacture of soft drinks, production of mineral water	6 830	11 505	5 773	6 002	7 065
Manufacture of tobacco products	3 178	4 404	2 677	7 773	4 557

<sup>a)</sup>Data of corporation with legal entity and government institution.

**Source:** Hungarian Central Statistical Office

## PRODUCITON OF PRINCIPAL FOOD INDUSTRIAL PRODUCTS<sup>a)</sup>

Denomination	1998	1999	2000	2001	2002 <sup>+</sup> )
Pig-meat, bone-in, 1000 t	271,0	334,7	275,7	255,8	283,2
Cut poultry, 1000 t	123,2	135,9	140,6	147,9	158,0
Sausages and salami, 1000 t	45,7	45,9	45,3	44,0	43,8
Vegetables, preserved or meals, 1000 t	286,8	172,0	242,3	321,8	340,1
Processed liquid milk, of 6 / or less fat content, million litres	580,7	593,3	613,2	632,6	641,9
Cheese and curd, 1000 t	86,9	90,5	100,2	110,2	118,5
Flour of wheat or meslin, 1000 t	961,9	998,8	882,5	867,6	783,4
Fodder preparations used for animal feeding, 1000 t	2 095,0	2 304,6	1 666,0	1 723,6	1 648,0
Bread, fresh, 1000 t	285,1	381,7	189,3	184,5	182,8
Refined sugar, 1000 t	439,4	438,3	196,0	366,4	312,4
Refined spirits, of 80 % or more alcoholic strength, 1000 abs hl	329,4	404,5	386,5	411,2	442,8
Wine of grape, million litres	107,5	196,9	105,0	100,7	86,3
Beer, million litres	716,4	699,6	736,2	717,5	727,4
Non-alcoholic beverages (soft drinks), million litres	905,6	911,2	977,1	992,4	992,6
Cigarettes containing tobacco, million pieces	26 849	22 985	21 583	20 800	19 457

<sup>a)</sup> Data of companies with over 50 employees

**Source:** Hungarian Central Statistical Office

## CONSUMPTION PER CAPITA

Denomination	Average of 1996- 2000	1998	1999	2000	2001
kilogram					

### Consumption of foodstuffs

Meat, meat products	61,8	60,9	60,5	70,2	67,5
Of which: pork	27,2	26,6	28,3	28,0	25,2
beef and veal	4,5	4,3	4,1	4,3	3,9
edible offals	3,0	2,8	3,2	3,1	3,1
poultry meat	26,2	26,4	24,2	33,7	34,2
Fish	2,8	2,8	2,8	3,0	2,9
Milk	150,9	149,6	151,7	160,6	144,2
Eggs	15,0	14,7	15,2	15,3	15,8
Fats and oils	36,2	36,2	34,2	39,0	37,4
Of which: lard	18,0	17,2	18,3	18,0	16,5
Flour	83,2	79,3	84,5	89,4	90,1
Rice	5,1	4,8	5,9	4,7	5,2
Sugar	38,3	41,3	37,7	33,2	30,3
Potatoes	66,2	67,4	68,0	64,0	68,2
Vegetables	97,2	95,8	94,4	109,2	111,6
Fruit	74,0	68,5	67,5	108,5	100,0
Spirits, <sup>a)</sup> litre	6,2	6,2	6,1	6,4	6,9
Wine, litre	30,6	33,1	30,2	28,3	35,1
Beer, litre	69,4	68,3	68,0	71,6	71,0
Tobacco	1,5	1,6	1,6	1,5	1,5
Coffee	2,5	2,0	2,4	2,8	2,8
Tea, dkg	17,8	19,1	16,8	20,3	27,8

### Daily consumption of nutritive material

Kilojoule	12 586	12 410	12 553	13 270	12 829
proteins, gramm	89,1	87,2	89,5	96,6	93,9
Of which: animal					
proteins, gramm	48,8	48,2	48,4	53,5	50,7
Fat, gramm	138,8	138,2	135,3	150,6	150,6
Carbohydrates, gramm	366,0	366,4	370,2	374,8	374,8

<sup>a)</sup> Converted into 50 per cent spirits.

**Source:** Hungarian Central Statistical Office







## FOREST AREA, RATIO OF FORESTED LAND

Denomination	1998	1999	2000	2001	2002
	thousand hectares				
Land area, total	9 303	9 303	9 303	9 303	9 303
Total area belonging to forestry	1 905	1 918	1 918	1 932	1953
Of which:					
area covered with forest	1 758	1 767	1 784	1 798	1821
From total area belonging to forestry:					
forests in state ownership	1 033	1 035	1 033	1 036	1038
forests in community ownerships	10	11	11	11	12
forests in private ownerships	132	126	159	214	242
forests owned by partnerships	253	237	216	230	241
forests owned by circles failing to function	330	358	365	307	288
Ratio of forested lands, %	18,9	19,0	19,2	19,3	19,6

## FORESTATION

Denomination	1998	1999	2000	2001	2002
	hectares				

### First planting of reforestation<sup>a)</sup>

State forestries	10 461	9 425	9 885	11 451	11 614
Other units of management dealing with forest culture	9 659	9 437	10 052	10 178	10 228
<b>Total</b>	<b>20 120</b>	<b>18 862</b>	<b>19 937</b>	<b>21 629</b>	<b>21 842</b>

### First planting of afforestation

State forestries	392	285	272	671	755
Other units of management dealing with forest culture	7 812	8 422	9 518	12 479	14 075
<b>Total</b>	<b>8 204</b>	<b>8 707</b>	<b>9 790</b>	<b>13 150</b>	<b>14 830</b>

<sup>a)</sup> Data without forest renewal.

## LOGGING

Denomination	1998	1999	2000	2001	2002
	thousand m <sup>3</sup>				

Gross logging, above the surface	6 579	6 901	7 287	7 010	7 013
Net logging, above the surface	5 329	5 506	5 902	5 634	5 642
Industrial wood	2 888	2 987	3 305	3 048	3 052
Firewood	2 441	2 519	2 597	2 586	2 590

## LOGGING AND MANUFACTURE OF WOOD

Denomination	1998	1999	2000	2001	2002
	thousand m <sup>3</sup>				

### Structure of logging in State Forestries

Industrial timber, total	1 902	1 958	2 137	2 201	2 153
Of which: logs	838	891	892	897	831
basic wood product for further process	141	143	176	179	172
pitprops	25	23	21	18	16
pulpwood	270	256	370	381	405
fibre wood	456	459	505	518	458
Thick firewood	1 239	1 302	1 426	1 387	1 448
Thick wood, total	3 141	3 260	3 563	3 588	3 601
Thin firewood	183	182	205	176	192
 Timber products, total	 <b>3 341</b>	 <b>3 448</b>	 <b>3 774</b>	 <b>3 770</b>	 <b>3 797</b>

### Production of wood products, in State forestries, in the timber industry and in timber-trade companies

Coniferous sawn wood	86	83	77	74	78
Broadleaved sawn wood	66	103	121	130	136
Crude parquet staves	29	47	63	60	60
Parquet thousand sq.m.	1 844	2 245	2 838	2 764	3 187
Crude fibre bord	60	56	61	60	58
Crude panel board with wood shaving	265	477	505	512	485
Veneer, million m <sup>2</sup>	4	22	22	23	39

**STOCK OF GAMES**  
(2002, estimated)

Regions	Deer	Fallow -deer	Roe- deer	Mufflon	Wild- boar	Hare	Pheasant	Partridge
	head							
Pest, Budapest	4 501	2 081	18 052	1 924	7 326	32 571	49 829	7 505
<b>Central-Hungary</b>	4 501	2 081	18 052	1 924	7 326	32 571	49 829	7 505
Fejér	3 955	604	14 791	1 000	5 361	10 533	28 034	1 294
Komárom-Esztergom	4 037	562	6 743	1 139	4 233	4 500	9 278	756
Veszprém	8 972	937	12 937	1 023	7 170	7 003	17 065	937
<b>Central-Transdanubia</b>	16 964	2 103	34 471	3 162	16 764	22 036	54 377	2 987
Győr-Moson-Sopron	4 686	289	18 972	17	5 378	17 055	23 488	3 777
Vas	7 453	628	11 721	100	5 639	3 097	8 149	476
Zala	7 325	346	9 596	100	5 196	2 297	15 793	116
<b>Western Transdanubia</b>	19 464	1 263	40 289	217	16 213	22 449	47 430	4 369
Baranya	7 761	506	16 163	0	7 743	4 098	15 397	35
Somogy	12 275	4 585	17 855	165	11 300	4 053	20 333	194
Tolna	5 336	4 158	19 364	41	6 011	14 136	30 648	762
<b>Southern Transdanubia</b>	25 372	9 249	53 382	206	25 054	22 287	66 378	991
Borsod-Abaúj-Zemplén	4 735	140	16 602	1 429	7 586	19 561	33 942	3 836
Heves	3 589	254	10 400	2 195	4 100	28 963	36 369	2 761
Nógrád	2 638	127	4 474	350	4 485	4 965	12 515	1 013
<b>Northern Hungary</b>	10 962	521	31 476	3 974	16 171	53 489	82 826	7 610
Hajdú-Bihar	126	1 099	20 889	0	1 366	54 248	67 001	3 715
Jász-Nagykun-Szolnok	0	0	22 600	0	126	81 281	85 454	3 871
Szabolcs-Szatmár-Bereg	537	758	23 513	94	2 401	52 806	81 875	6 421
<b>Norther-Great Plain</b>	663	1 857	67 002	94	3 893	188 335	234 330	14 007
Bács-Kiskun	4 271	1 893	32 378	0	4 653	65 142	97 066	8 255
Békés	245	2 892	26 441	0	522	119 974	132 196	3 631
Csongrád	130	248	16 062	0	475	56 173	60 380	2 045
<b>Southern Great Plain</b>	4 646	5 033	74 881	0	5 650	241 289	289 642	13 931
<b>Total</b>	82 572	22 107	319 553	9 577	91 071	582 456	824 812	51 400

STOCK OF GAMES  
(2003, estimated)

Regions	Deer	Fallow -deer	Roe- deer	Mufflon	Wild-boar	Hare	Pheasant	Partridge
	head							
Pest, Budapest	4 387	2 022	18 247	1 920	7 055	34 580	50 266	6 252
<b>Central-Hungary</b>	4 387	2 022	18 247	1 920	7 055	34 580	50 266	6 252
Fejér	4 050	643	15 791	952	5 540	12 965	32 542	1 560
Komárom-Esztergom	3 734	551	6 505	1 085	4 038	5 100	9 462	789
Veszprém	9 656	952	12 759	1 136	7 234	7 704	20 523	976
<b>Central- Transdanubia</b>	17 440	2 146	35 055	3 173	16 812	25 769	62 527	3 325
Győr-Moson-Sopron	4 826	338	19 724	17	5 175	20 535	27 855	4 360
Vas	7 656	539	12 169	110	4 726	3 755	10 185	518
Zala	7 535	358	9 971	81	5 137	2 815	20 475	200
<b>Western Transdanubia</b>	20 017	1 235	41 864	208	15 038	27 105	58 515	5 078
Baranya	7 928	428	16 079	0	7 137	4 248	17 221	51
Somogy	11 877	4 347	18 267	258	10 554	3 991	20 737	164
Tolna	4 991	4 214	17 714	12	4 725	14 705	33 413	543
<b>Southern Transdanubia</b>	24 796	8 989	52 060	270	22 416	22 944	71 371	758
Borsod-Abaúj- Zemplén	4 313	61	16 645	1 261	6 393	20 437	36 260	3 324
Heves	3 519	109	10 473	2 109	3 952	33 807	37 210	3 938
Nógrád	2 552	113	3 950	284	4 325	5 042	12 124	942
<b>Northern Hungary</b>	10 384	283	31 068	3 654	14 670	59 286	85 594	8 204
Hajdú-Bihar	165	1 259	22 039	0	1 681	62 065	70 220	3 639
Jász-Nagykun- Szolnok	0	0	23 009	0	105	91 657	84 634	4 196
Szabolcs-Szatmár- Bereg	598	710	23 702	112	2 904	56 704	93 769	5 768
<b>Norther-Great Plain</b>	763	1 969	68 750	112	4 690	210 426	248 623	13 603
Bács-Kiskun	4 574	1 708	34 220	0	4 998	65 517	93 029	7 924
Békés	158	2 349	26 671	4	532	126 478	148 705	3 715
Csongrád	104	232	16 479	0	426	58 689	61 975	1 992
<b>Southern Great Plain</b>	4 836	4 289	77 370	4	5 956	250 684	303 709	13 631
<b>Total</b>	<b>82 623</b>	<b>20 933</b>	<b>324 414</b>	<b>9 341</b>	<b>86 637</b>	<b>630 794</b>	<b>880 605</b>	<b>50 851</b>

GAME MANAGEMENT<sup>a)</sup>  
2000

Regions	Deer	Fallow-deer	Roe-deer	Mufflon	Wild-boar	Hare	Pheasant	Partridge
	head							
Pest, Budapest	1 574	237	3 416	388	4 603	8 422	41 189	207
<b>Central-Hungary</b>	1 574	237	3 416	388	4 603	8 422	41 189	207
Fejér	1 348	157	2 256	293	3 023	727	34 591	0
Komárom-Esztergom	411	173	932	215	3 348	251	2 856	0
Veszprém	3 743	340	4 365	240	7 499	128	9 477	0
<b>Central-Transdanubia</b>	6 502	670	7 553	748	13 870	1 106	46 924	0
Győr-Moson-Sopron	1 534	31	4 180	1	3 719	3 603	27 101	40
Vas	3 014	70	2 668	25	5 160	129	1 337	383
Zala	2 858	50	2 369	8	6 055	0	1 155	0
<b>Western Transdanubia</b>	7 406	151	9 217	34	14 934	3 732	29 593	423
Baranya	3 055	99	2 696	0	5 640	0	3 284	0
Somogy	5 056	2 153	3 614	34	8 239	129	16 722	0
Tolna	1 534	1 366	2 338	2	4 056	1 335	7 592	0
<b>Southern Transdanubia</b>	9 645	3 618	8 648	36	17 935	1 464	27 598	0
Borsod-Abaúj-Zemplén	918	23	2 590	276	5 267	2 561	9 483	0
Heves	958	32	1 878	702	3 388	5 515	22 787	0
Nógrád	893	51	1 527	145	4 364	509	9 596	0
<b>Northern Hungary</b>	2 769	106	5 995	1 123	13 019	8 585	41 866	0
Hajdú-Bihar	18	223	1 934	0	496	5 571	24 588	62
Jász-Nagykun-Szolnok	1	0	3 000	0	51	15 380	71 436	0
Szabolcs-Szatmár-Bereg	3	72	1 745	3	903	7 711	24 860	0
<b>Norther-Great Plain</b>	22	295	6 679	3	1 450	28 662	120 884	62
Bács-Kiskun	934	281	4 822	0	1 639	9 509	33 336	541
Békés	45	609	3 321	0	202	12 071	61 554	0
Csongrád	15	9	3 103	0	93	11 672	27 440	13
<b>Southern Great Plain</b>	994	899	11 246	0	1 934	33 252	122 330	554
<b>Total</b>	<b>28 912</b>	<b>5 976</b>	<b>52 754</b>	<b>2 332</b>	<b>67 745</b>	<b>85 223</b>	<b>430 384</b>	<b>1 246</b>

<sup>a)</sup> Shot games

GAME MANAGEMENT<sup>a)</sup>  
2001

Regions	Deer	Fallow-deer	Roe-deer	Mufflon	Wild-boar	Hare	Pheasant	Partridge
	head							
Pest, Budapest	1 811	291	4 198	542	6 208	9 810	44 222	154
<b>Central-Hungary</b>	1 811	291	4 198	542	6 208	9 810	44 222	154
Fejér	1 521	200	2 560	349	4 056	467	36 467	0
Komárom-Esztergom	1 679	168	1 186	263	3 681	161	5 454	0
Veszprém	4 180	356	4 888	286	8 296	194	10 929	0
<b>Central-Transdanubia</b>	7 380	724	8 634	898	16 033	822	52 850	0
Győr-Moson-Sopron	1 671	53	4 893	0	5 262	3 896	24 826	150
Vas	3 447	36	2 804	34	6 441	109	4 072	663
Zala	3 669	68	3 002	12	6 431	0	1 307	0
<b>Western Transdanubia</b>	8 787	157	10 699	46	18 134	4 005	30 205	813
Baranya	4 048	177	3 134	0	7 884	0	3 302	0
Somogy	5 987	2 272	4 180	49	10 844	156	13 011	0
Tolna	1 880	1 536	2 719	5	5 711	1 317	9 119	0
<b>Southern Transdanubia</b>	11 915	3 985	10 033	54	24 439	1 473	25 432	0
Borsod-Abaúj-Zemplén	1 007	28	3 159	379	7 531	3 432	13 320	0
Heves	992	23	2 419	625	4 553	8 715	32 574	0
Nógrád	1 027	50	1 795	126	6 230	400	12 713	0
<b>Northern Hungary</b>	3 026	101	7 373	1 130	18 314	12 547	58 607	0
Hajdú-Bihar	7	237	2 348	0	884	7 562	31 413	0
Jász-Nagykun-Szolnok	0	0	3 432	0	139	17 433	92 864	0
Szabolcs-Szatmár-Bereg	6	63	2 192	4	1 263	8 467	34 775	0
<b>Norther-Great Plain</b>	13	300	7 972	4	2 286	33 462	159 052	0
Bács-Kiskun	1 070	274	5 362	0	2 412	9 628	36 697	450
Békés	33	806	4 067	0	303	15 683	82 981	0
Csongrád	13	14	3 513	0	168	13 058	45 668	8
<b>Southern Great Plain</b>	1 116	1 094	12 942	0	2 883	38 369	165 346	458
<b>Total</b>	<b>34 048</b>	<b>6 652</b>	<b>61 851</b>	<b>2 674</b>	<b>88 297</b>	<b>100 488</b>	<b>535 714</b>	<b>1425</b>

<sup>a)</sup> Shot games

GAME MANAGEMENT<sup>a)</sup>  
2002

Regions	Deer	Fallow-deer	Roe-deer	Mufflon	Wild-boar	Hare	Pheasant	Partridge
	head							
Pest, Budapest	2 252	365	5 018	843	7 579	11 882	42 721	170
<b>Central-Hungary</b>	2 252	365	5 018	843	7 579	11 882	42 721	170
Fejér	1 510	248	2 883	364	4 341	563	38 726	0
Komárom-Esztergom	2 052	205	1 307	433	3 755	166	4 486	48
Veszprém	5 190	432	5 893	353	8 680	366	10 800	0
<b>Central-Transdanubia</b>	8 752	885	10 083	1 150	16 776	1 095	54 012	48
Győr-Moson-Sopron	2 171	59	5 504	5	5 322	4 743	31 776	297
Vas	3 857	81	3 248	25	6 546	159	3 207	200
Zala	4 110	49	3 512	8	6 997	0	2 267	0
<b>Western Transdanubia</b>	10 138	189	12 264	38	18 865	4 902	37 250	497
Baranya	5 481	183	3 363	0	7 954	0	3 566	0
Somogy	7 404	3 398	4 600	65	10 566	168	17 977	0
Tolna	2 429	2 099	3 617	15	4 664	1 800	10 288	0
<b>Southern Transdanubia</b>	15 314	5 680	11 580	80	23 184	1 968	31 831	0
Borsod-Abaúj-Zemplén	1 360	27	4 242	627	9 019	4 314	15 469	0
Heves	1 244	21	2 787	815	5 295	10 717	29 639	951
Nógrád	1 151	66	1 849	166	7 464	366	19 300	0
<b>Northern Hungary</b>	3 755	114	8 878	1 608	21 778	15 397	64 408	951
Hajdú-Bihar	9	307	2 948	0	1 041	9 576	32 617	3
Jász-Nagykun-Szolnok	0	0	4 015	0	182	23 910	83 231	0
Szabolcs-Szatmár-Bereg	45	141	2 924	4	1 549	10 719	38 621	0
<b>Norther-Great Plain</b>	54	448	9 887	4	2 772	44 205	154 469	3
Bács-Kiskun	1 382	286	6 111	0	2 576	10 945	35 700	478
Békés	50	1018	4 926	0	261	25 439	95 082	26
Csongrád	11	19	3 732	0	173	16 316	42 982	0
<b>Southern Great Plain</b>	1 443	1 323	14 769	0	3 010	52 700	173 764	504
<b>Total</b>	<b>41 708</b>	<b>9 004</b>	<b>72 479</b>	<b>3 723</b>	<b>93 964</b>	<b>132 149</b>	<b>558 455</b>	<b>2 173</b>

<sup>a)</sup> Shot games



FISHERY PRODUCTION <sup>a)</sup>  
2001

Counties Regions	Productive pond area	Catch	Of which: eating fish	Eating fish catch of intensive production	Total increase per ha	Carp increase per ha
	ha	tons			kilogram	
Pest, Budapest	3 430	3 652	2 442	135	699,3	539,2
<b>Central Hungary</b>	3 430	3 652	2 442	135	699,3	539,2
Fejér	546	434	327	-	511,1	433,8
Komárom- Esztergom	901	978	535	-	672,6	392,6
Veszprém	202	126	103	7	262,3	161,0
<b>Central Transdanubia</b>	1 649	1 538	966	7	568,9	377,9
Győr-Moson- Sopron	73	87	78	-	782,5	601,1
Vas	171	132	100	-	167,0	8,4
Zala	12	3	3	-	31,5	-37,5
<b>Western Transdanubia</b>	255	221	181	-	336,0	175,0
Baranya	1 877	1 289	1 008	117	346,0	228,8
Somogy	1 858	1 447	800	-	494,1	379,2
Tolna	1 072	881	705	-	572,3	361,9
<b>Southern Transdanubia</b>	4 808	3 617	2 513	117	453,7	316,6
Borsod-Abaúj- Zemplén	36	32	4	84	644,0	587,1
Heves	318	329	204	-	810,3	716,0
Nógrád	-	-	-	-	-	-
<b>Northern Hungary</b>	354	361	207	84	793,2	702,7
Hajdú-Bihar	5 162	4 592	3 083	15	356,8	158,5
Jász-Nagykun- Szolnok	386	276	201	-	533,8	419,2
Szabolcs-Szatmár- Bereg	419	356	220	-	580,0	559,9
<b>Northern Great Plain</b>	5 967	5 224	3 504	15	383,9	203,6
Bács-Kiskun	940	615	447	-	443,0	331,2
Békés	1 887	1 236	580	755	465,9	397,9
Csongrád	3 171	1 685	1 097	-	336,5	260,3
<b>Southern Great Plain</b>	5 998	3 536	2 123	755	393,9	314,7
<b>Total</b>	<b>22 463</b>	<b>18 150</b>	<b>11 937</b>	<b>1 114</b>	<b>469,2</b>	<b>329,1</b>

<sup>a)</sup> increase excluding intensive production

FISHERY PRODUCTION <sup>a)</sup>  
2002

Counties Regions	Productive pond area	Catch	Of which: eating fish	Eating fish catch of intensive production	Total increase per ha	Carp increase per ha
	ha	tons			kilogram	
Pest, Budapest	677	750	389	-	741,9	577,2
<b>Central Hungary</b>	677	750	389	-	741,9	577,2
Fejér	2 046	1 724	1 046	-	581,0	468,3
Komárom-Esztergom	904	922	512	-	575,7	363,3
Veszprém	243	168	120	6	347,2	296,4
<b>Central Transdanubia</b>	3 193	2 814	1 678	6	561,7	425,5
Győr-Moson-Sopron	202	185	165	-	414,1	397,2
Vas	4	2	1	-	250,0	187,5
Zala	405	373	252	-	548,5	393,6
<b>Western Transdanubia</b>	610	559	418	-	502,1	393,4
Baranya	1 289	1 278	858	-	560,5	382,2
Somogy	1 522	1 560	692	-	737,9	568,1
Tolna	1 773	1 616	1 150	-	565,5	416,4
<b>Southern Transdanubia</b>	4 584	4 454	2 700	-	621,4	457,1
Borsod-Abaúj- Zemplén	105	154	99	42	1 044,6	853,6
Heves	193	217	101	7	894,3	817,1
Nógrád	-	-	-	-	-	-
<b>Northern Hungary</b>	298	371	200	49	947,2	830,0
Hajdú-Bihar	4 341	3 613	2 339	9	492,4	348,8
Jász-Nagykun- Szolnok	1 912	1 416	756	-	495,8	416,3
Szabolcs-Szatmár- Bereg	310	307	190	-	633,3	565,7
<b>Northern Great Plain</b>	6 563	5 336	3 285	9	500,0	378,7
Bács-Kiskun	1 016	965	550	-	706,3	573,4
Békés	1 551	904	388	894	418,4	337,4
Csongrád	2 599	1 686	1 006	-	438,2	330,6
<b>Southern Great Plain</b>	5 166	3 555	1 944	894	484,9	380,4
<b>Total</b>	<b>21 090</b>	<b>17 839</b>	<b>10 615</b>	<b>958</b>	<b>546,2</b>	<b>416,4</b>

<sup>a)</sup> increase excluding intensive production

## **EXTERNAL TRADE**

---



## EXPORTS AND IMPORTS BY MAIN COMMODITY GROUPS

Main commodity group	1998	1999	2000	2001	2002
	billion HUF				
Exports					
Foods, beverages, tobacco	520,1	474,1	550,5	656,2	601,3
Raw materials	144,9	146,9	187,7	173,7	177,5
Fuels, electricity energy	93,1	96,3	140,4	169,4	145,2
Manufactured goods	1 612,2	1 819,8	2 299,3	2 712,8	2 740,1
Machinery, transport equipment	2 564,3	3 401,4	4 765,0	5 036,0	5 209,8
<b>Total</b>	<b>4 934,5</b>	<b>5 938,5</b>	<b>7 942,8</b>	<b>8 748,2</b>	<b>8 874,0</b>
Imports					
Foods, beverages, tobacco	205,3	200,8	248,3	281,4	292,4
Raw materials	163,2	149,0	198,6	195,1	194,2
Fuels, electricity energy	361,3	406,8	760,0	792,2	725,7
Manufactured goods	2 215,0	2 554,5	3 190,3	3413,7	3 445,9
Machinery, transport equipment	2 566,7	3 334,4	4 666,9	4982,6	5 045,8
<b>Total</b>	<b>5 511,5</b>	<b>6 645,6</b>	<b>9 064,0</b>	<b>9 665,1</b>	<b>9 704,1</b>
Balance					
Foods, beverages, tobacco	314,7	273,3	302,2	374,8	308,9
Raw materials	-18,3	-2,1	-10,9	-21,4	-16,7
Fuels, electricity energy	-268,2	-310,5	-619,6	-622,8	-580,5
Manufactured goods	-602,9	-734,7	-891,0	-700,9	-705,8
Machinery, transport equipment	-2,4	67,0	98,1	53,4	163,9
<b>Total</b>	<b>-577,0</b>	<b>-707,0</b>	<b>-1 121,2</b>	<b>-916,9</b>	<b>-830,1</b>

## EXTERNAL TRADE BY COMMODITY GROUPS

Commodity group	Exports		Imports	
	at current prices, billion HUF			
	2001	2002	2001	2002
Live animal	44,6	34,9	6,1	6,0
Meat, and edible meat offal	164,8	139,3	20,4	21,1
Fish, and aquatic invertebrates	2,1	1,5	4,7	4,5
Dairy produce and edible products of animal origin	37,2	34,4	14,4	14,7
Other animal products	18,7	19,3	4,9	4,6
Live trees and other plants	4,4	4,5	7,7	8,8
Edible vegetables	41,4	37,8	10,0	11,1
Edible fruit and nuts, peel of citrus fruits	21,4	17,0	17,1	25,6
Coffee, tea, spices	8,2	7,6	14,3	10,6
Cereals	95,4	92,9	10,7	7,5
Products of the milling industry	11,7	9,0	1,3	1,3
Oil seeds and oleaginous fruits, straw and fodder	31,3	42,7	14,2	14,1
Vegetable saps and extracts	0,2	0,2	2,0	2,0
Vegetable plaiting materials	2,4	2,1	0,4	0,3
Animal or vegetable fats and oils	15,7	14,8	18,4	19,0
Preparations of meat, and fisch	29,0	26,4	4,2	4,8
Sugars and sugar confectionery	9,5	14,3	8,4	7,3
Cocoa and cocoa preparations	9,1	10,0	15,5	17,7
Pastrycooks' products	10,7	9,6	15,9	19,7
Preparations of vegetables and fruit	80,7	76,4	16,1	17,3
Other edible preparations	17,3	17,8	23,0	25,7
Beverages, spirits and vinegar	28,7	27,2	9,7	13,1
Prepared animal fodder	39,6	42,7	74,4	71,2
Tobacco and manufactured tobacco substitutes	4,8	2,7	12,2	9,5
<b>Total</b>	<b>728,8</b>	<b>685,1</b>	<b>325,7</b>	<b>337,5</b>

## EXPORTS BY COMMODITY GROUPS

Commodity group	1999	2000	2001	2002
	million USD			
Live animal	95,94	126,18	155,10	135,29
Meat, and edible meat offal	489,08	493,08	574,23	544,86
Fish, and aquatic invertebrates	12,18	8,6	7,37	5,86
Dairy produce and edible products of animal origin	92,01	101,87	129,64	134,20
Other animal products	71,21	75,35	65,44	75,02
Live trees and other plants	14,81	14,69	15,43	17,47
Edible vegetables	142,12	124,48	144,40	147,15
Edible fruit and nuts, peel of citrus fruits	79,53	69,31	74,75	67,38
Coffee, tea, spices	34,44	27,44	28,49	29,45
Cereals	255,30	220,90	334,52	353,86
Products of the milling industry	41,53	47,48	40,59	34,85
Oil seeds and oleaginous fruits, straw and fodder	109,07	126,53	109,69	170,57
Vegetable saps and extracts	0,35	0,44	0,56	69
Vegetable plaiting materials	6,62	6,17	8,14	7,90
Animal or vegetable fats and oils	116,22	83,00	54,65	57,84
Preparations of meat, and fish	101,44	96,10	101,02	102,94
Sugars and sugar confectionery	30,91	25,54	33,12	54,88
Cocoa and cocoa preparations	25,97	27,07	32,09	39,08
Pastrycooks' products	33,52	34,21	37,26	37,00
Preparations of vegetables and fruit	246,55	260,18	283,39	301,09
Other edible preparations	71,68	54,26	60,07	69,00
Beverages, spirits and vinegar	116,68	104,14	99,90	105,86
Prepared animal fodder	78,82	109,82	137,67	165,21
Tobacco and manufactured tobacco substitutes	44,18	19,09	16,53	10,35
<b>Total</b>	<b>2 310,16</b>	<b>2 255,89</b>	<b>2 544,06</b>	<b>2 667,84</b>

## IMPORTS BY COMMODITY GROUPS

Commodity group	1999	2000	2001	2002
Live animals	15,68	18,91	21,44	23,33
Meat, and edible meat offal	23,58	49,69	71,43	81,30
Fish, and aquatic invertebrates	14,97	14,30	16,36	17,44
Dairy produce and edible products of animal origin	34,12	43,21	50,10	56,99
Other animal products	21,01	19,91	16,96	17,76
Live trees and other plants	23,11	25,50	26,65	33,93
Edible vegetables	21,67	28,18	34,49	42,05
Edible fruit and nuts, peel of citrus fruits	62,39	59,34	59,67	99,59
Coffee, tea, spices	83,73	65,95	49,69	41,31
Cereals	31,89	32,53	37,02	28,42
Products of the milling industry	4,10	5,21	4,42	5,17
Oil seeds and oleaginous fruits, straw and fodder	44,85	37,01	49,35	54,26
Vegetable saps and extracts	8,38	7,32	7,03	7,67
Vegetable plaiting materials	0,77	0,58	1,25	1,34
Animal or vegetable fats and oils	60,31	61,01	64,03	73,38
Preparations of meat, and fisch	10,44	12,50	14,62	18,82
Sugars and sugar confectionery	20,41	20,47	29,11	28,25
Cocoa and cocoa preparations	53,87	45,83	54,10	69,05
Pastrycooks' products	43,71	45,36	55,48	76,63
Preparations of vegetables and fruit	49,63	62,56	56,18	66,82
Other edible preparations	70,18	71,98	79,90	100,01
Beverages, spirits and vinegar	29,47	29,68	33,88	51,18
Prepared animal fodder	194,99	220,76	259,49	274,60
Tobacco and manufactured tobacco substitutes	71,89	39,07	42,59	36,86
<b>Total</b>	<b>995,14</b>	<b>1 016,83</b>	<b>1 135,23</b>	<b>1 306,19</b>



## EXPORTS OF MAIN AGRICULTURAL AND FOOD-INDUSTRIAL PRODUCTS

Denomination	2000	2001	2002
	tons		
Meat of bovine animals, fresh or chilled	7 728	3770	4 468
Pork, fresh, chilled or frozen	105 002	90 019	84 542
Meat and edible offal of poultry, fresh, chilled or frozen	107 909	116 966	116 981
Wheat and meslin	582 647	1 515 118	1 158 771
Maize	1 007 203	1 568 556	2 124 864
Wheat or meslin flour	149 715	99 770	65 626
Barley	82 859	139 892	133 494
Rape seeds	193 992	107 507	118 328
Sunflower seeds	280 011	199 570	315 648
Sunflower- , safflower- or cotton-seed oil and fractions thereof, not chemically modified	76 208	50 232	38 079
Sausages and similar products of meat, offal or blood, prepared food based on these products	32 885	24 837	15 735
Beet-sugar, cane-sugar, saccharose	25 414	8 116	66 850
Vegetables preserved without vinegar, not frozen	179 720	193 198	195 441
Vegetables frozen	89 084	103 674	97 469
Fruit juices (including grape must) and vegetable juices, without alcohol content	101 825	110 145	113 938
Spring water, mineral water, soft drinks	98 732	91 882	88 104
Wine of grapes	80 352	69 957	76 868
Spirits, liqueurs	847	1 515	1 379
Bran, sharps and other milling residues	83 098	90 912	97 375
Prepared animal feed	182 097	212 308	226 041

## IMPORTS OF MAIN AGRICULTURAL AND FOOD-INDUSTRIAL PRODUCTS

Denomination	2000	2001	2002
	tons		
Meat of bovine animals, frozen	3 443	1 668	2 927
Pork fresh, chilled or frozen	26 839	30 212	38 644
Milk and cream, not concentrated, without added sugar or other sweetening material	1 736	1 121	1 155
Potatoes	16 384	48 879	32 416
Bananes, including plantains, fresh or dried	81 629	76 075	71 531
Citrus fruit, fresh or dried	100 553	98 373	96 615
Apples, pears and quinces, fresh	6 430	5 659	12 062
Coffee, coffee husk and skins; coffee substitutes containing coffee in any proportion	38 777	41 351	40 404
Barley	60 608	50 655	192
Rice	38 234	49 900	54 069
Sunflower seeds, whether or not broken	4 170	4 048	2 438
Sunflower-, safflower- or cotton-seed oil and fractions thereof, not chemically modified	17 644	27 798	12 834
Animal or vegetable fats and oils and their fractions, partly or wholly hydrogenated, whether or not refined, but not further prepared	19 877	16 129	16 381
Margarin, edible oil for cooking	25 112	19 698	20 581
Fruit juices (including grape must) and vegetable juices; without alcohol content	28 252	17 014	15 749
Beer made from malt	17 966	14 446	22 159
Products from meat and fish, not for human consumption	55 629	41 883	43 600
Oil-cake, pellet and other solid residues from the extraction of soya-bean oil	669 119	771 640	846 446
Oil-cake, pellet and other solid residues from the extraction of sunflower oil	168 161	456 617	108 247
Prepared animal feed	53 744	62 064	67 000
Raw, unmanufactured tobacco, returns	8 167	9 017	7 394

## EXPORT TO MAIN PARTNER COUNTRIES

Denomination	1998	1999	2000	2001	2002
	million USD				
<b>EXPORTS TOTAL</b>	2 772,2	2 310,2	2 255,9	2 544,1	2 667,8
<b>Europe</b>	<b>2 542,0</b>	<b>2 152,7</b>	<b>2 067,8</b>	<b>2 335,4</b>	<b>2 452,0</b>
<b>European Union</b>	<b>1 211,6</b>	<b>1 145,1</b>	<b>1 048,4</b>	<b>1 220,8</b>	<b>1 333,7</b>
Austria	162,9	158,7	148,1	158,0	195,0
Belgium	65,4	52,6	43,9	50,6	55,6
France	78,0	88,8	80,5	85,5	76,4
The Netherlands	63,9	70,6	61,9	86,9	112,5
United Kingdom	41,1	43,2	38,4	47,8	57,4
Germany	493,4	456,1	434,2	447,9	527,5
Italy	150,2	139,5	137,0	198,3	165,6
Spain	96,6	76,2	50,9	87,4	82,3
Sweden	23,8	26,4	24,2	25,1	27,4
<b>EFTA countries</b>	<b>61,1</b>	<b>58,3</b>	<b>49,6</b>	<b>66,0</b>	<b>70,9</b>
Switzerland	55,4	52,7	45,1	60,7	65,0
<b>CEFTA countries</b>	<b>540,3</b>	<b>474,2</b>	<b>475,9</b>	<b>512,9</b>	<b>481,6</b>
Poland	135,6	118,5	118,2	95,3	108,9
Czech Republic	82,9	80,0	74,5	66,4	88,0
Slovakia	47,6	49,0	42,7	58,6	49,6
Slovenia	86,7	101,3	86,6	84,2	81,8
Romania	178,6	113,4	139,7	191,4	130,4
Bulgaria	8,9	11,9	14,3	17,0	22,9
<b>Countries of the formel Soviet-Union</b>	<b>490,9</b>	<b>252,7</b>	<b>275,5</b>	<b>252,9</b>	<b>260,1</b>
Russia	317,1	147,0	163,7	159,1	166,6
Ukraine	64,3	23,2	37,9	26,6	34,5
Lithuania	28,5	30,5	23,3	23,0	15,7
<b>Other european countries</b>	<b>238,1</b>	<b>222,4</b>	<b>218,4</b>	<b>282,7</b>	<b>305,7</b>
Croatia	89,5	71,3	67,3	89,1	100,2
Bosnia-Hercegovina	77,8	95,9	85,6	109,8	101,5
<b>Asia</b>	<b>101,9</b>	<b>91,0</b>	<b>133,1</b>	<b>155,1</b>	<b>167,9</b>
Japan	29,4	16,6	48,3	79,4	80,0
Korea	10,5	26,5	33,5	23,1	32,0
<b>Afrika</b>	<b>74,5</b>	<b>34,6</b>	<b>17,33</b>	<b>16,5</b>	<b>6,4</b>
<b>Amerika</b>	<b>51,5</b>	<b>28,9</b>	<b>35,7</b>	<b>35,7</b>	<b>40,3</b>
USA	40,3	18,7	26,4	27,9	32,9
Australia and Oceania	2,2	3,0	2,0	1,3	1,2

# IMPORT FROM MAIN PARTNER COUNTRIES

Denomination	1998	1999	2000	2001	2002
	million USD				
<b>IMPORTS TOTAL</b>	1 199,0	995,1	1 016,8	1 135,2	1 306,2
<b>Europe</b>	<b>685,1</b>	<b>595,1</b>	<b>677,9</b>	<b>773,5</b>	<b>921,9</b>
<b>European Union</b>	<b>496,6</b>	<b>409,3</b>	<b>464,3</b>	<b>532,4</b>	<b>639,8</b>
Austria	63,1	48,1	47,5	47,0	55,6
Belgium	21,9	19,0	20,6	31,1	28,1
Denmark	25,3	19,4	26,6	35,2	40,9
France	44,3	35,8	30,7	47,2	56,6
Greece	24,8	16,2	16,8	22,6	30,7
The Netherlands	97,8	88,9	97,8	104,1	115,2
United Kingdom	17,50	13,9	18,8	17,1	20,9
Germany	102,8	89,8	115,0	123,4	154,3
Italy	46,9	42,8	53,1	68,0	84,6
Spain	29,6	18,9	19,7	23,9	38,5
Sweden	11,7	8,4	7,6	6,8	6,9
<b>EFTA countries</b>	<b>14,8</b>	<b>17,8</b>	<b>13,9</b>	<b>10,1</b>	<b>16,5</b>
<b>CEFTA countries</b>	<b>122,9</b>	<b>128,8</b>	<b>155,4</b>	<b>185,1</b>	<b>224,5</b>
Poland	50,1	60,6	63,6	79,4	83,7
Czech Republic	19,7	19,6	24,8	29,0	46,8
Slovakia	19,4	26,7	33,0	36,7	51,0
Romania	24,6	18,3	29,8	<b>35,1</b>	<b>32,2</b>
<b>Countries of the formel Soviet-Union</b>	<b>16,0</b>	<b>8,2</b>	<b>16,4</b>	<b>19,4</b>	<b>11,5</b>
<b>Other european countries</b>	<b>34,8</b>	<b>31,0</b>	<b>28,0</b>	<b>26,5</b>	<b>29,6</b>
Turkey	17,6	19,8	12,1	<b>14,5</b>	<b>14,8</b>
<b>Asia</b>	<b>84,5</b>	<b>74,6</b>	<b>74,7</b>	69,5	71,0
India	13,1	9,1	10,8	6,3	7,3
Malaysia	16,1	16,7	11,1	8,6	11,1
Vietnam	2,4	5,9	9,1	13,0	13,1
<b>Afrika</b>	<b>95,1</b>	<b>81,2</b>	<b>45,4</b>	<b>36,9</b>	<b>33,8</b>
Uganda	35,4	32,9	16,4	6,6	6,6
Malawi	10,1	13,7	4,8	7,0	4,7
<b>Amerika</b>	<b>324,5</b>	<b>241,0</b>	<b>216,5</b>	<b>252,4</b>	<b>276,0</b>
USA	63,9	46,5	39,9	50,2	44,8
Argentina	52,9	15,1	10,9	15,5	23,7
Brazilia	148,3	132,7	126,5	144,7	157,7
Peru	17,7	14,1	13,3	17,3	12,8
Australia and Oceania	9,7	3,1	2,3	2,9	3,5

## COUNTY DATA

---



LAND AREA BY REGIONS <sup>\*)</sup>  
31 May, 2000

Regions	Arable land	Garden	Orchard	Vineyard	Grass-land
	thousand hectares				
Pest, Budapest	305,0	12,1	12,4	8,7	57,1
<b>Central Hungary</b>	305,0	12,1	12,4	8,7	57,1
Fejér	253,6	7,1	2,2	3,1	34,6
Komárom-Esztergom	100,6	2,4	0,6	2,4	18,8
Veszprém	150,6	3,0	2,2	6,6	58,8
<b>Central Transdanubia</b>	504,8	12,5	5,0	12,1	112,1
Győr-Moson-Sopron	219,1	4,9	3,2	3,4	29,8
Vas	154,8	2,6	2,5	1,3	22,2
Zala	127,7	2,6	6,3	5,5	56,5
<b>Western Transdanubia</b>	501,6	10,1	12,1	10,1	108,5
Baranya	221,0	3,5	1,7	4,1	32,4
Somogy	254,5	4,4	3,8	4,8	50,3
Tolna	207,5	3,0	1,4	5,8	29,9
<b>Southern Transdanubia</b>	682,9	11,0	7,0	14,6	112,6
Borsod-Abaúj-Zemplén	266,0	8,6	7,5	10,5	124,4
Heves	154,7	5,7	2,9	9,5	39,8
Nógrád	81,5	3,9	2,0	1,2	33,1
<b>Northern Hungary</b>	502,3	18,2	12,4	21,3	197,3
Hajdú-Bihar	330,2	6,0	4,2	2,2	119,2
Jász-Nagykun-Szolnok	365,2	4,4	1,5	1,5	52,4
Szabolcs-Szatmár-Bereg	283,9	8,7	25,9	1,8	66,4
<b>Northern Great Plain</b>	979,3	19,1	31,6	5,4	238,0
Bács-Kiskun	377,0	8,3	9,9	29,3	129,9
Békés	391,0	6,1	1,3	0,2	42,9
Csongrád	256,0	4,3	3,7	4,2	52,8
<b>Southern Great Plain</b>	1024,0	18,6	15,0	33,6	225,6
<b>Total</b>	<b>4499,8</b>	<b>101,6</b>	<b>95,4</b>	<b>105,9</b>	<b>1051,2</b>

<sup>\*)</sup> The table contains rounded data, so the sum of details and the total data may be different.

**Source:** Hungarian Central Statistical Office

LAND AREA BY REGIONS (continued)  
31 May, 2000

Regions	Agricultural area	Forest	Productive land <sup>a)</sup>	Uncultivated land	Land area total
	thousand hectares				
Pest, Budapest	395,1	149,8	555,9	181,0	736,9
<b><i>Central Hungary</i></b>	395,1	149,8	555,9	181,0	736,9
Fejér	300,6	33,2	341,1	123,8	464,9
Komárom-Esztergom	124,8	56,1	182,4	37,4	219,8
Veszprém	221,1	80,0	302,3	67,8	370,1
<b><i>Central Transdanubia</i></b>	646,5	169,2	825,8	229,0	1 054,8
Győr-Moson-Sopron	260,4	75,8	347,3	63,9	411,2
Vas	183,3	91,5	275,1	53,3	328,4
Zala	198,7	168,8	367,8	60,4	428,2
<b><i>Western Transdanubia</i></b>	642,5	336,1	990,2	177,6	1 167,8
Baranya	262,7	103,8	368,4	75,0	443,3
Somogy	317,8	162,1	487,7	79,6	567,3
Tolna	247,6	46,3	297,5	45,2	342,8
<b><i>Southern Transdanubia</i></b>	828,1	312,2	1 153,6	199,8	1 353,4
Borsod-Abaúj-Zemplén	417,0	165,6	585,1	110,2	695,4
Heves	212,7	107,5	320,5	60,5	381,0
Nógrád	121,7	105,2	227,1	27,1	254,2
<b><i>Northern Hungary</i></b>	751,5	378,3	1 132,7	197,9	1 330,6
Hajdú-Bihar	461,8	32,4	508,6	85,0	593,6
Jász-Nagykun-Szolnok	424,9	54,3	482,0	116,4	598,4
Szabolcs-Szatmár-Bereg	386,6	113,9	504,6	118,7	623,3
<b><i>Northern Great Plain</i></b>	1 273,3	200,6	1 495,2	320,1	1 815,3
Bács-Kiskun	554,3	169,6	734,8	126,6	861,4
Békés	441,5	12,6	458,7	81,7	540,5
Csongrád	321,0	41,2	368,5	73,8	442,3
<b><i>Southern Great Plain</i></b>	1 316,9	223,3	1 562,0	282,2	1 844,2
<b>Total</b>	<b>5 853,9</b>	<b>1 769,6</b>	<b>7 715,5</b>	<b>1 587,5</b>	<b>9 303,4</b>

<sup>a)</sup>Including reeds and fish-ponds.

**Source:** Hungarian Central Statistical Office



LAND AREA BY REGIONS <sup>a)</sup>  
31 May, 2001

Regions	Arable land	Garden	Orchard	Vineyard	Grass- land
	thousand hectares				
Pest, Budapest	305,0	12,1	12,5	6,7	57,1
<b><i>Central Hungary</i></b>	305,0	12,1	12,5	6,7	57,1
Fejér	253,6	7,1	2,5	3,7	34,6
Komárom-Esztergom	100,8	2,4	0,6	1,8	19,2
Veszprém	150,6	3,0	1,5	6,2	58,8
<b><i>Central Transdanubia</i></b>	505,0	12,5	4,6	11,7	112,5
Győr-Moson-Sopron	221,7	4,6	1,7	2,6	29,8
Vas	154,8	2,8	2,2	1,1	22,5
Zala	127,7	2,7	3,0	3,6	61,7
<b><i>Western Transdanubia</i></b>	504,2	10,1	6,9	7,3	114,0
Baranya	228,3	3,4	1,1	3,2	33,9
Somogy	254,5	4,4	3,2	4,0	51,7
Tolna	214,2	3,0	1,7	5,1	29,9
<b><i>Southern Transdanubia</i></b>	697,0	11,0	6,0	12,3	115,5
Borsod-Abaúj-Zemplén	266,0	8,6	6,9	8,7	126,8
Heves	154,7	5,7	3,6	11,6	39,8
Nógrád	81,5	3,9	2,3	0,7	33,1
<b><i>Northern Hungary</i></b>	502,3	18,2	12,9	21,0	199,7
Hajdú-Bihar	331,2	6,0	3,8	1,6	119,2
Jász-Nagykun-Szolnok	359,0	3,0	1,9	1,6	49,7
Szabolcs-Szatmár-Bereg	286,8	6,3	32,7	0,9	66,4
<b><i>Northern Great Plain</i></b>	977,0	15,3	38,3	4,1	295,2
Bács-Kiskun	377,0	8,3	10,8	26,8	131,5
Békés	391,4	6,1	1,0	0,1	42,9
Csongrád	257,3	4,3	4,5	2,8	52,8
<b><i>Southern Great Plain</i></b>	1 025,7	18,6	16,3	29,8	227,2
<b>Total</b>	<b>4 516,1</b>	<b>97,8</b>	<b>97,4</b>	<b>92,9</b>	<b>1 061,2</b>

<sup>a)</sup> The table contains rounded data, so the sum of details and the total data may be different.

**Source:** Hungarian Central Statistical Office

LAND AREA BY REGIONS (continued)  
31 May, 2001

Regions	Agricultural area	Forest	Productive land <sup>a)</sup>	Uncultivated land	Land area total
	thousand hectares				
Pest, Budapest	393,3	149,8	554,0	182,9	736,9
<b><i>Central Hungary</i></b>	393,3	149,8	554,0	182,9	736,9
Fejér	301,5	33,2	342,0	122,9	464,9
Komárom-Esztergom	124,8	56,1	182,4	37,4	219,8
Veszprém	220,0	80,0	301,2	68,9	370,1
<b><i>Central Transdanubia</i></b>	646,3	169,2	825,6	229,2	1 054,8
Győr-Moson-Sopron	260,5	75,8	347,3	63,9	411,2
Vas	183,3	91,5	275,1	53,3	328,4
Zala	198,7	168,8	367,8	60,4	428,2
<b><i>Western Transdanubia</i></b>	642,5	336,1	990,3	177,6	1 167,8
Baranya	270,0	103,8	375,7	67,6	443,3
Somogy	317,8	162,1	487,7	79,6	567,3
Tolna	254,0	46,3	303,9	38,8	342,8
<b><i>Southern Transdanubia</i></b>	841,8	312,2	1 167,3	186,1	1 353,4
Borsod-Abaúj-Zemplén	417,0	165,6	585,1	110,2	695,4
Heves	215,5	107,5	323,3	57,7	381,0
Nógrád	121,5	105,2	226,8	27,4	254,2
<b><i>Northern Hungary</i></b>	754,0	378,3	1 135,2	195,4	1 330,6
Hajdú-Bihar	461,8	32,4	508,6	85,0	593,6
Jász-Nagykun-Szolnok	415,0	53,4	471,9	126,9	598,8
Szabolcs-Szatmár-Bereg	393,0	113,9	511,0	112,3	623,3
<b><i>Northern Great Plain</i></b>	1 269,9	199,7	1 491,5	324,2	1 815,8
Bács-Kiskun	554,3	169,6	734,8	126,6	861,4
Békés	441,5	13,0	458,7	81,7	540,5
Csongrád	321,8	44,2	372,2	70,1	442,3
<b><i>Southern Great Plain</i></b>	1 317,6	226,3	1 565,7	278,5	1 844,2
<b>Total</b>	<b>5 865,3</b>	<b>1 771,7</b>	<b>7 729,6</b>	<b>1 573,8</b>	<b>9 303,4</b>

<sup>a)</sup> Including reeds and fish-ponds.

**Source:** Hungarian Central Statistical Office

LAND AREA BY REGIONS<sup>\*)</sup>  
31 May, 2002

Regions	Agricultural area	Forest	Productive land <sup>a)</sup>	Uncultivated land	Land area total
	thousand hectares				
Pest, Budapest	301,4	12,1	12,5	6,7	58,3
<b><i>Central Hungary</i></b>	301,4	12,1	12,5	6,7	58,3
Fejér	253,6	7,1	2,5	3,7	34,6
Komárom-Esztergom	100,8	2,4	0,6	1,8	19,2
Veszprém	151,1	3,0	1,5	6,2	59,7
<b><i>Central Transdanubia</i></b>	505,5	12,5	4,6	11,7	113,5
Győr-Moson-Sopron	222,0	4,4	1,7	2,6	29,8
Vas	155,1	2,8	2,2	1,1	22,5
Zala	127,1	2,6	3,0	3,6	60,8
<b><i>Western Transdanubia</i></b>	504,2	9,8	6,9	7,3	113,1
Baranya	228,0	5,0	1,1	3,2	32,4
Somogy	257,2	4,5	3,2	4,0	51,8
Tolna	214,2	3,0	1,7	5,1	29,9
<b><i>Southern Transdanubia</i></b>	699,4	12,5	6,0	12,3	114,1
Borsod-Abaúj-Zemplén	266,1	8,6	6,9	8,7	126,8
Heves	154,7	5,7	3,6	11,6	39,8
Nógrád	81,3	3,9	2,3	0,7	33,1
<b><i>Northern Hungary</i></b>	502,1	18,2	12,8	21,0	199,7
Hajdú-Bihar	331,2	6,0	3,8	1,6	119,2
Jász-Nagykun-Szolnok	359,3	2,3	1,8	1,6	51,8
Szabolcs-Szatmár-Bereg	286,8	6,3	32,7	0,9	66,4
<b><i>Northern Great Plain</i></b>	977,3	14,6	38,3	4,1	237,4
Bács-Kiskun	377,0	8,3	10,8	26,8	131,5
Békés	391,4	6,1	1,0	0,1	42,9
Csongrád	257,3	4,3	4,5	2,8	52,8
<b><i>Southern Great Plain</i></b>	1 025,7	18,7	16,3	29,7	227,2
<b>Total</b>	<b>4 515,5</b>	<b>98,5</b>	<b>97,3</b>	<b>92,8</b>	<b>1 063,1</b>

<sup>\*)</sup> Including reeds and fish-ponds.

**Source:** Hungarian Central Statistical Office

LAND AREA BY REGIONS (continued)  
31 May, 2002

Regions	Agricultural area	Forest	Productive land <sup>a)</sup>	Uncultivated land	Land area total
	thousand hectares				
Pest, Budapest	390,9	149,5	552,3	181,4	733,7
<b><i>Central Hungary</i></b>	390,9	149,5	552,3	181,4	733,7
Fejér	301,5	35,4	344,3	122,9	467,2
Komárom-Esztergom	124,8	56,1	182,5	37,4	219,9
Veszprém	221,5	128,1	350,8	69,6	420,3
<b><i>Central Transdanubia</i></b>	647,8	219,6	877,6	229,8	1 107,4
Győr-Moson-Sopron	260,5	76,0	347,5	63,9	411,4
Vas	183,6	91,5	275,4	53,3	328,7
Zala	197,1	118,2	315,7	59,8	375,4
<b><i>Western Transdanubia</i></b>	641,2	285,7	938,6	177,0	1 115,5
Baranya	269,7	103,8	375,4	67,6	443,0
Somogy	320,6	162,4	490,8	79,6	570,4
Tolna	254,0	46,3	303,9	38,8	342,8
<b><i>Southern Transdanubia</i></b>	844,3	312,5	1 170,1	186,1	1 356,2
Borsod-Abaúj-Zemplén	417,1	165,6	585,2	110,2	695,4
Heves	215,5	107,5	323,2	57,7	381,0
Nógrád	121,2	105,2	226,6	27,4	254,0
<b><i>Northern Hungary</i></b>	753,8	378,3	1 135,0	195,4	1 330,4
Hajdú-Bihar	461,8	32,4	508,8	84,8	593,6
Jász-Nagykun-Szolnok	416,8	53,4	473,2	125,9	599,1
Szabolcs-Szatmár-Bereg	393,0	113,9	511,0	112,3	623,3
<b><i>Northern Great Plain</i></b>	1 271,6	199,7	1 493,0	323,0	1 816,0
Bács-Kiskun	554,3	169,6	734,9	126,4	861,4
Békés	441,5	12,6	458,7	81,7	540,5
Csongrád	321,8	44,2	372,2	70,1	442,3
<b><i>Southern Great Plain</i></b>	1 317,6	226,4	1 565,8	278,3	1 844,2
<b>Total</b>	<b>5 867,3</b>	<b>1 771,7</b>	<b>7 732,4</b>	<b>1 571,0</b>	<b>9 303,4</b>

<sup>a)</sup> Including reeds and fish-ponds.

**Source:** Hungarian Central Statistical Office

PRODUCTION OF WHEAT BY REGIONS<sup>a)</sup>  
2001

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	74 163	282 646	3 810
<i>Central Hungary</i>	74 163	282 646	3 810
Fejér	81 846	400 843	4 900
Komárom-Esztergom	34 239	145 370	4 250
Veszprém	34 996	121 110	3 460
<i>Central Transdanubia</i>	151 081	667 323	4 420
Győr-Moson-Sopron	62 960	240 017	3 810
Vas	38 035	149 340	3 930
Zala	22 154	92 413	4 170
<i>Western Transdanubia</i>	123 149	481 770	3 910
Baranya	57 784	300 298	5 200
Somogy	46 687	224 866	4 820
Tolna	51 016	256 367	5 030
<i>Southern Transdanubia</i>	155 487	781 531	5 030
Borsod-Abaúj-Zemplén	79 297	326 159	4 110
Heves	58 865	236 095	4 010
Nógrád	22 166	83 892	3 790
<i>Northern Hungary</i>	160 328	646 146	4 030
Hajdú-Bihar	80 540	382 074	4 720
Jász-Nagykun-Szolnok	132 380	534 903	4 040
Szabolcs-Szatmár-Bereg	39 487	172 132	4 360
<i>Northern Great Plain</i>	252 407	1 089 109	4 310
Bács-Kiskun	100 919	422 980	4 190
Békés	117 703	526 940	4 480
Csongrád	70 370	298 314	4 240
<i>Southern Great Plain</i>	288 992	1 248 234	4 320
<b>Total</b>	<b>1 205 607</b>	<b>5 196 759</b>	<b>4 310</b>

<sup>a)</sup> Excluding durum wheat

**Source:** Hungarian Central Statistical Office

PRODUCTION OF BARLEY BY REGIONS  
2001

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	21 970	71 671	3 260
<i>Central Hungary</i>	21 970	71 671	3 260
Fejér	21 224	93 980	4 430
Komárom-Esztergom	9 203	30 147	3 280
Veszprém	17 316	53 813	3 110
<i>Central Transdanubia</i>	47 743	177 940	3 730
Győr-Moson-Sopron	30 625	107 497	3 510
Vas	23 760	82 175	3 460
Zala	13 927	48 966	3 510
<i>Western Transdanubia</i>	68 312	238 638	3 490
Baranya	16 667	75 386	4 520
Somogy	19 061	78 202	4 100
Tolna	11 307	52 088	4 610
<i>Southern Transdanubia</i>	47 035	205 676	4 370
Borsod-Abaúj-Zemplén	31 596	78 597	2 480
Heves	14 133	43 388	3 070
Nógrád	8 280	20 335	2 460
<i>Northern Hungary</i>	54 009	142 320	2 630
Hajdú-Bihar	15 450	55 270	3 480
Jász-Nagykun-Szolnok	23 618	82 507	3 490
Szabolcs-Szatmár-Bereg	7 687	23 669	3 080
<i>Northern Great Plain</i>	46 755	161 446	3 420
Bács-Kiskun	28 918	104 930	3 620
Békés	29 208	109 805	3 760
Csongrád	23 517	86 722	3 690
<i>Southern Great Plain</i>	81 643	301 457	3 690
<b>Total</b>	<b>367 467</b>	<b>1 299 148</b>	<b>3 530</b>

*Source:* Hungarian Central Statistical Office

PRODUCTION OF MAIZE BY REGIONS  
2001

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	58 640	307 122	5 240
<i>Central Hungary</i>	58 640	307 122	5 240
Fejér	85 297	587 733	6 890
Komárom-Esztergom	28 209	152 937	5 420
Veszprém	27 926	81 015	2 780
<i>Central Transdanubia</i>	141 432	821 685	5 780
Győr-Moson-Sopron	41 533	166 405	3 970
Vas	34 832	119 625	3 430
Zala	46 319	180 084	3 890
<i>Western Transdanubia</i>	122 684	466 114	3 790
Baranya	92 385	646 031	6 990
Somogy	105 281	691 040	6 450
Tolna	106 565	855 129	8 020
<i>Southern Transdanubia</i>	304 231	2 192 200	7 170
Borsod-Abaúj-Zemplén	34 902	200 303	5 680
Heves	12 225	61 798	5 060
Nógrád	6 308	35 708	4 710
<i>Northern Hungary</i>	53 435	297 809	5 420
Hajdú-Bihar	126 941	954 082	7 460
Jász-Nagykun-Szolnok	51 895	257 953	4 970
Szabolcs-Szatmár-Bereg	110 710	676 840	6 110
<i>Northern Great Plain</i>	289 546	1 888 875	6 500
Bács-Kiskun	99 296	641 027	6 430
Békés	119 208	813 392	6 810
Csongrád	69 648	429 489	6 170
<i>Southern Great Plain</i>	288 152	1 883 908	6 530
<b>Total</b>	<b>1 258 120</b>	<b>7 857 713</b>	<b>6 220</b>

*Source:* Hungarian Central Statistical Office

PRODUCTION OF SUGAR-BEET BY REGIONS  
2001

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	2 982	124 467	41 740
<i>Central Hungary</i>	2 982	124 467	41 740
Fejér	2 799	136 817	48 880
Komárom-Esztergom	2 473	103 124	41 700
Veszprém	546	19 746	36 170
<i>Central Transdanubia</i>	5 818	259 687	44 640
Győr-Moson-Sopron	9 663	298 688	30 910
Vas	3 590	105 428	29 370
Zala	123	3 411	27 730
<i>Western Transdanubia</i>	13 376	407 527	30 470
Baranya	1 797	99 078	55 140
Somogy	849	38 534	45 390
Tolna	2 342	135 195	57 730
<i>Southern Transdanubia</i>	4 988	272 807	54 690
Borsod-Abaúj-Zemplén	1 989	94 716	47 620
Heves	1 135	41 886	36 900
Nógrád	270	8 772	32 490
<i>Northern Hungary</i>	3 394	145 374	42 830
Hajdú-Bihar	15 455	773 100	48 300
Jász-Nagykun-Szolnok	5 819	258 849	44 480
Szabolcs-Szatmár-Bereg	2 540	116 863	46 000
<i>Northern Great Plain</i>	23 814	1 148 812	47 120
Bács-Kiskun	2 204	96 000	43 560
Békés	6 554	332 944	50 800
Csongrád	2 564	115 380	45 000
<i>Southern Great Plain</i>	11 322	544 324	48 080
<b>Total</b>	<b>65 694</b>	<b>2 902 998</b>	<b>43 780</b>

*Source:* Hungarian Central Statistical Office



PRODUCTION OF SUNFLOWER BY REGIONS  
2001

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	24 966	48 793	1 950
<i><b>Central Hungary</b></i>	24 966	48 793	1 950
Fejér	20 118	49 716	2 470
Komárom-Esztergom	4 729	9 323	1 970
Veszprém	10 294	13 336	1 300
<i><b>Central Transdanubia</b></i>	35 141	72 375	2 060
Győr-Moson-Sopron	11 256	17 416	1 550
Vas	3 992	6 910	1 730
Zala	1 809	3 615	2 000
<i><b>Western Transdanubia</b></i>	17 057	27 941	1 640
Baranya	8 532	17 803	2 090
Somogy	9 663	17 327	1 790
Tolna	9 318	23 081	2 480
<i><b>Southern Transdanubia</b></i>	27 513	58 211	2 120
Borsod-Abaúj-Zemplén	27 564	54 200	1 970
Heves	16 856	33 037	1 960
Nógrád	3 893	6 765	1 740
<i><b>Northern Hungary</b></i>	48 313	94 002	1 950
Hajdú-Bihar	17 129	37 684	2 000
Jász-Nagykun-Szolnok	39 340	73 665	1 870
Szabolcs-Szatmár-Bereg	32 342	58 617	1 810
<i><b>Northern Great Plain</b></i>	88 811	169 966	1 870
Bács-Kiskun	30 925	65 496	2 110
Békés	27 325	48 557	1 780
Csongrád	19 968	46 925	2 350
<i><b>Southern Great Plain</b></i>	78 218	160 978	2 060
<b>Total</b>	<b>320 019</b>	<b>632 266</b>	<b>1 960</b>

*Source:* Hungarian Central Statistical Office

PRODUCTION OF POTATOES BY REGIONS  
2001

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	5 397	135 967	22 970
<i><b>Central Hungary</b></i>	5 397	135 967	22 970
Fejér	446	11 943	26 660
Komárom-Esztergom	390	11 520	29 540
Veszprém	1 501	34 621	17 720
<i><b>Central Transdanubia</b></i>	2 337	58 084	21 400
Győr-Moson-Sopron	1 824	70 906	20 400
Vas	997	22 153	11 190
Zala	1 623	23 822	14 580
<i><b>Western Transdanubia</b></i>	4 444	116 881	16 210
Baranya	1 208	26 896	22 100
Somogy	2 000	40 800	18 900
Tolna	733	16 401	22 380
<i><b>Southern Transdanubia</b></i>	3 941	84 097	20 530
Borsod-Abaúj-Zemplén	2 199	46 015	17 970
Heves	571	15 193	12 000
Nógrád	989	37 574	17 770
<i><b>Northern Hungary</b></i>	3 759	98 782	17 010
Hajdú-Bihar	2 840	80 372	27 300
Jász-Nagykun-Szolnok	1 156	29 927	25 890
Szabolcs-Szatmár-Bereg	4 377	77 531	17 100
<i><b>Northern Great Plain</b></i>	8 373	187 830	21 770
Bács-Kiskun	3 196	98 500	26 130
Békés	610	22 686	29 980
Csongrád	4 205	105 532	23 000
<i><b>Southern Great Plain</b></i>	8 011	226 718	24 780
<b>Total</b>	<b>36 262</b>	<b>908 359</b>	<b>21 280</b>

*Source:* Hungarian Central Statistical Office

PRODUCTION OF WHEAT BY REGIONS<sup>a)</sup>  
2002

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	66 013	183 018	2 770
<i>Central Hungary</i>	66 013	183 018	2 770
Fejér	78 243	335 189	4 280
Komárom-Esztergom	31 109	131 724	4 230
Veszprém	36 288	113 365	3 120
<i>Central Transdanubia</i>	145 640	580 278	3 980
Győr-Moson-Sopron	63 106	236 850	3 750
Vas	37 094	129 364	3 490
Zala	21 788	91 396	4 200
<i>Western Transdanubia</i>	121 988	457 610	3 750
Baranya	52 246	269 237	5 150
Somogy	42 403	184 759	4 360
Tolna	51 923	258 591	4 980
<i>Southern Transdanubia</i>	146 572	712 587	4 860
Borsod-Abaúj-Zemplén	72 266	200 524	2 780
Heves	47 916	107 494	2 240
Nógrád	17 912	43 673	2 440
<i>Northern Hungary</i>	138 094	351 691	2 550
Hajdú-Bihar	72 713	267 424	3 680
Jász-Nagykún-Szolnok	116 062	280 568	2 420
Szabolcs-Szatmár-Bereg	33 695	114 032	3 380
<i>Northern Great Plain</i>	222 470	662 024	2 980
Bács-Kiskun	88 487	356 655	4 030
Békés	110 718	375 284	3 390
Csongrád	69 144	228 096	3 300
<i>Southern Great Plain</i>	268 349	960 035	3 580
<b>Total</b>	<b>1 109 126</b>	<b>3 907 243</b>	<b>3 520</b>

<sup>a)</sup> Excluding durum wheat

**Source:** Hungarian Central Statistical Office

PRODUCTION OF BARLEY BY REGIONS  
2002

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	17 883	37 361	2 090
<i>Central Hungary</i>	17 883	37 361	2 090
Fejér	19 993	70 788	3 540
Komárom-Esztergom	8 375	23 076	2 760
Veszprém	15 301	36 357	2 370
<i>Central Transdanubia</i>	43 669	130 221	2 980
Győr-Moson-Sopron	33 802	111 826	3 310
Vas	24 906	71 664	2 880
Zala	14 825	49 558	3 340
<i>Western Transdanubia</i>	73 533	233 048	3 170
Baranya	18 062	72 420	4 010
Somogy	13 640	41 244	3 020
Tolna	11 744	48 790	4 150
<i>Southern Transdanubia</i>	43 446	162 454	3 740
Borsod-Abaúj-Zemplén	33 529	76 802	2 290
Heves	11 322	22 959	2 030
Nógrád	8 188	14 171	1 730
<i>Northern Hungary</i>	53 039	113 932	2 150
Hajdú-Bihar	13 859	40 347	2 820
Jász-Nagykun-Szolnok	26 737	49 731	1 860
Szabolcs-Szatmár-Bereg	6 726	17 637	2 620
<i>Northern Great Plain</i>	47 322	107 715	2 250
Bács-Kiskun	33 109	104 414	3 150
Békés	31 970	84 148	2 630
Csongrád	26 489	72 579	2 740
<i>Southern Great Plain</i>	91 568	261 141	2 850
<b>Total</b>	<b>370 460</b>	<b>1 045 872</b>	<b>2 820</b>

*Source:* Hungarian Central Statistical Office

PRODUCTION OF MAIZE BY REGIONS  
2002

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	54 997	205 397	3 730
<i>Central Hungary</i>	54 997	205 397	3 730
Fejér	79 273	448 378	5 650
Komárom-Esztergom	28 693	155 540	5 420
Veszprém	26 322	90 688	3 310
<i>Central Transdanubia</i>	134 288	694 606	5 140
Győr-Moson-Sopron	42 062	190 704	4 490
Vas	28 730	127 979	4 460
Zala	41 130	237 592	5 780
<i>Western Transdanubia</i>	111 922	556 275	4 950
Baranya	93 704	674 190	7 200
Somogy	112 363	688 657	6 020
Tolna	101 665	743 332	7 310
<i>Southern Transdanubia</i>	307 732	2 106 179	6 800
Borsod-Abaúj-Zemplén	32 470	125 140	3 840
Heves	12 372	34 021	2 750
Nógrád	5 683	27 693	3 470
<i>Northern Hungary</i>	50 525	186 854	3 530
Hajdú-Bihar	121 253	641 114	5 230
Jász-Nagykun-Szolnok	48 407	115 848	2 390
Szabolcs-Szatmár-Bereg	103 563	397 363	3 840
<i>Northern Great Plain</i>	273 223	1 154 325	4 200
Bács-Kiskun	87 900	395 306	4 470
Békés	127 482	591 459	4 640
Csongrád	57 748	230 536	3 990
<i>Southern Great Plain</i>	273 130	217 301	4 450
<b>Total</b>	<b>1 205 817</b>	<b>6 120 937</b>	<b>5 050</b>

*Source:* Hungarian Central Statistical Office

PRODUCTION OF SUGAR-BEET BY REGIONS  
2002

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	2 357	86 678	36 780
<i>Central Hungary</i>	2 357	86 678	36 780
Fejér	2 362	123 952	52 480
Komárom-Esztergom	1 951	86 758	44 470
Veszprém	443	14 483	32 690
<i>Central Transdanubia</i>	4 756	225 193	47 350
Győr-Moson-Sopron	8 555	293 635	34 320
Vas	3 539	109 990	31 080
Zala	0	0	0
<i>Western Transdanubia</i>	12 094	403 625	33 370
Baranya	1 766	103 908	58 840
Somogy	664	36 388	54 800
Tolna	2 210	127 153	57 540
<i>Southern Transdanubia</i>	4 640	267 449	57 640
Borsod-Abaúj-Zemplén	1 758	67 837	38 570
Heves	913	26 955	29 520
Nógrád	160	2 036	12 730
<i>Northern Hungary</i>	2 831	96 828	34 190
Hajdú-Bihar	12 070	536 910	44 480
Jász-Nagykun-Szolnok	4 293	139 079	32 400
Szabolcs-Szatmár-Bereg	2 087	106 186	50 880
<i>Northern Great Plain</i>	18 450	782 175	42 390
Bács-Kiskun	2 318	93 000	40 120
Békés	5 061	201 528	39 820
Csongrád	2 850	117 369	41 180
<i>Southern Great Plain</i>	10 229	411 897	40 270
<b>Total</b>	<b>55 357</b>	<b>2 273 845</b>	<b>41 080</b>

*Source:* Hungarian Central Statistical Office

PRODUCTION OF SUNFLOWER BY REGIONS  
2002

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	27 356	42 636	1 560
<i>Central Hungary</i>	27 356	42 636	1 560
Fejér	34 378	77 312	2 250
Komárom-Esztergom	5 680	11 547	2 030
Veszprém	7 222	9 483	1 310
<i>Central Transdanubia</i>	47 280	98 342	2 080
Győr-Moson-Sopron	11 229	22 206	1 980
Vas	5 881	11 339	1 930
Zala	4 276	8 952	2 090
<i>Western Transdanubia</i>	21 386	42 497	1 990
Baranya	10 230	25 489	2 490
Somogy	10 308	21 933	2 130
Tolna	15 872	41 951	2 640
<i>Southern Transdanubia</i>	36 410	89 373	2 460
Borsod-Abaúj-Zemplén	34 748	61 657	1 770
Heves	23 819	32 797	1 380
Nógrád	6 667	8 594	1 290
<i>Northern Hungary</i>	65 234	103 048	1 580
Hajdú-Bihar	23 597	47 672	2 010
Jász-Nagykun-Szolnok	57 095	85 756	1 500
Szabolcs-Szatmár-Bereg	39 137	69 193	1 770
<i>Northern Great Plain</i>	119 829	202 621	1 690
Bács-Kiskun	39 000	74 109	1 890
Békés	39 555	77 228	1 950
Csongrád	21 970	47 031	2 140
<i>Southern Great Plain</i>	100 525	198 368	1 970
<b>Total</b>	<b>418 020</b>	<b>776 885</b>	<b>1 860</b>

*Source:* Hungarian Central Statistical Office

PRODUCTION OF POTATOES BY REGIONS  
2002

Regions	Harvested area, hectares	Total production, tons	Average yield, kg per hectare
Pest, Budapest	5 806	116 173	18 630
<i>Central Hungary</i>	5 806	116 173	18 630
Fejér	399	8 209	20 450
Komárom-Esztergom	424	10 512	24 790
Veszprém	1 111	22 020	16 460
<i>Central Transdanubia</i>	1 934	40 741	19 110
Győr-Moson-Sopron	1 537	60 985	20 160
Vas	784	20 718	13 670
Zala	1 688	30 684	18 060
<i>Western Transdanubia</i>	4 009	112 387	18 010
Baranya	911	20 046	21 680
Somogy	1 900	35 697	18 000
Tolna	534	13 299	24 900
<i>Southern Transdanubia</i>	3 345	69 042	20 100
Borsod-Abaúj-Zemplén	1 797	35 015	13 030
Heves	534	15 301	13 000
Nógrád	982	37 233	11 440
<i>Northern Hungary</i>	3 313	87 549	12 550
Hajdú-Bihar	2 119	50 967	22 860
Jász-Nagykun-Szolnok	2 100	18 840	8 950
Szabolcs-Szatmár-Bereg	3 949	82 534	20 260
<i>Northern Great Plain</i>	8 168	152 341	18 030
Bács-Kiskun	3 300	80 403	20 120
Békés	179	8 596	14 930
Csongrád	3 950	85 012	20 040
<i>Southern Great Plain</i>	7 429	174 011	19 950
<b>Total</b>	<b>34 004</b>	<b>752 244</b>	<b>18 280</b>

*Source:* Hungarian Central Statistical Office



## PRODUCTION OF FRUIT AND GRAPES BY REGIONS

Regions	Fruits		Grapes	
	production, tons			
	2001	2002	2001	2002
Pest, Budapest	105 191	48 187	38 119	27 364
<i>Central Hungary</i>	105 191	48 187	38 119	27 364
Fejér	18 340	14 060	25 369	23 867
Komárom-Esztergom	7 185	6 570	10 723	5 441
Veszprém	14 818	10 611	46 570	37 082
<i>Central Transdanubia</i>	40 343	31 241	82 662	66 390
Győr-Moson-Sopron	13 636	10 798	25 509	20 360
Vas	9 479	5 533	7 975	9 652
Zala	15 387	24 893	29 320	22 294
<i>Western Transdanubia</i>	38 502	41 224	62 804	52 306
Baranya	10 204	4 079	26 754	21 969
Somogy	16 972	10 248	50 382	37 488
Tolna	7 487	5 210	38 358	26 293
<i>Southern Transdanubia</i>	34 663	19 537	115 494	85 750
Borsod-Abaúj-Zemplén	54 574	40 719	49 345	38 981
Heves	11 891	8 487	110 836	83 745
Nógrád	18 580	13 016	3 400	3 522
<i>Northern Hungary</i>	85 045	62 222	163 581	126 248
Hajdú-Bihar	30 946	32 659	6 064	5 920
Jász-Nagykun-Szolnok	13 592	9 107	15 752	9 523
Szabolcs-Szatmár-Bereg	486 092	419 019	3 567	3 343
<i>Northern Great Plain</i>	530 630	460 785	25 383	18 786
Bács-Kiskun	48 934	18 745	305 364	120 953
Békés	8 384	7 946	620	319
Csongrád	24 932	9 359	17 372	3 383
<i>Southern Great Plain</i>	82 250	36 050	323 356	124 655
<b>Total</b>	<b>916 624</b>	<b>699 246</b>	<b>811 399</b>	<b>501 499</b>

**Source:** Hungarian Central Statistical Office

CATTLE AND PIG STOCK BY REGIONS  
1 December, 2001

Regions	Cattle	Of which: cows	Pigs	Of which: breeding sows
	thousand heads			
Pest, Budapest	51	25	212	10
<i>Central Hungary</i>	51	25	212	10
Fejér	57	29	242	19
Komárom-Esztergom	15	7	244	17
Veszprém	37	17	163	12
<i>Central Transdanubia</i>	110	54	649	48
Győr-Moson-Sopron	63	28	213	18
Vas	33	16	86	5
Zala	21	11	111	8
<i>Western Transdanubia</i>	117	54	410	31
Baranya	33	16	299	24
Somogy	33	16	199	14
Tolna	39	17	289	21
<i>Southern Transdanubia</i>	104	50	786	59
Borsod-Abaúj-Zemplén	37	18	158	9
Heves	16	8	84	6
Nógrád	9	5	47	2
<i>Northern Hungary</i>	63	31	289	17
Hajdú-Bihar	80	37	440	35
Jász-Nagykun-Szolnok	59	29	320	25
Szabolcs-Szatmár-Bereg	36	16	261	16
<i>Northern Great Plain</i>	174	83	1 021	76
Bács-Kiskun	58	29	518	39
Békés	57	23	481	35
Csongrád	49	21	456	27
<i>Southern Great Plain</i>	164	72	1 455	101
<b>Total</b>	<b>783</b>	<b>368</b>	<b>4 822</b>	<b>343</b>

*Source:* Hungarian Central Statistical Office

CATTLE AND PIG STOCK BY REGIONS  
1 December, 2002

Regions	Cattle	Of which: cows	Pigs	Of which: breeding sows
	thousand heads			
Pest, Budapest	51	24	197	11
<i>Central Hungary</i>	51	24	197	11
Fejér	57	29	239	19
Komárom-Esztergom	15	7	278	21
Veszprém	39	18	173	13
<i>Central Transdanubia</i>	111	54	691	53
Győr-Moson-Sopron	59	26	208	19
Vas	31	14	84	6
Zala	22	11	102	6
<i>Western Transdanubia</i>	111	51	394	31
Baranya	32	15	324	25
Somogy	32	16	196	15
Tolna	35	15	305	23
<i>Southern Transdanubia</i>	99	46	825	63
Borsod-Abaúj-Zemplén	38	19	157	10
Heves	15	7	84	7
Nógrád	10	5	45	2
<i>Northern Hungary</i>	63	32	286	19
Hajdú-Bihar	87	39	547	44
Jász-Nagykun-Szolnok	56	27	323	27
Szabolcs-Szatmár-Bereg	37	18	300	21
<i>Northern Great Plain</i>	179	84	1 170	92
Bács-Kiskun	58	30	526	43
Békés	52	22	503	38
Csongrád	46	20	489	30
<i>Southern Great Plain</i>	156	72	1 518	111
<b>Total</b>	<b>770</b>	<b>362</b>	<b>5 082</b>	<b>381</b>

*Source:* Hungarian Central Statistical Office

SHEEP AND CHICKEN STOCK BY REGIONS  
1 December, 2001

Regions	Sheep	Of which: ewes	Chicken <sup>a)</sup>	Of which: laying hens
	thousand heads			
Pest, Budapest	72	52	2 095	1 157
<i>Central Hungary</i>	72	52	2 095	1 157
Fejér	31	24	1 226	733
Komárom-Esztergom	29	23	4 480	2 171
Veszprém	53	37	836	553
<i>Central Transdanubia</i>	113	85	6 541	3 457
Győr-Moson-Sopron	9	6	1 677	761
Vas	4	2	1 979	428
Zala	19	15	1 619	592
<i>Western Transdanubia</i>	32	23	5 275	1 782
Baranya	20	15	2 304	556
Somogy	24	18	1 096	630
Tolna	56	43	1 030	600
<i>Southern Transdanubia</i>	100	77	4 430	1 787
Borsod-Abaúj-Zemplén	54	40	1 966	1 301
Heves	19	16	548	380
Nógrád	12	7	362	251
<i>Northern Hungary</i>	86	64	2 877	1 932
Hajdú-Bihar	168	130	3 593	1 318
Jász-Nagykun-Szolnok	62	41	1 191	853
Szabolcs-Szatmár-Bereg	188	146	2 212	1 295
<i>Northern Great Plain</i>	418	318	6 996	3 466
Bács-Kiskun	207	157	3 280	1 398
Békés	51	35	1 780	1 122
Csongrád	57	37	1 070	504
<i>Southern Great Plain</i>	315	229	6 129	3 025
<b>Total</b>	<b>1 136</b>	<b>849</b>	<b>34 343</b>	<b>16 606</b>

<sup>a)</sup> Guinea-fowls excluded.

**Source:** Hungarian Central Statistical Office

SHEEP AND CHICKEN STOCK BY REGIONS  
1 December, 2002

Regions	Sheep	Of which: ewes	Chicken <sup>a)</sup>	Of which: laying hens
	thousand heads			
Pest, Budapest	75	53	2 296	1 198
<i><b>Central Hungary</b></i>	75	53	2 296	1 198
Fejér	54	48	1 527	968
Komárom-Esztergom	26	22	4 759	2 208
Veszprém	50	38	731	516
<i><b>Central Transdanubia</b></i>	130	108	7 017	3 692
Győr-Moson-Sopron	7	6	1 388	699
Vas	4	2	943	425
Zala	20	17	995	651
<i><b>Western Transdanubia</b></i>	31	24	3 326	1 776
Baranya	25	18	2 617	577
Somogy	24	18	874	608
Tolna	56	44	806	553
<i><b>Southern Transdanubia</b></i>	104	80	4 298	1 739
Borsod-Abaúj-Zemplén	50	38	1 859	1 261
Heves	18	14	498	371
Nógrád	9	5	342	238
<i><b>Northern Hungary</b></i>	77	57	2 699	1 870
Hajdú-Bihar	177	135	3 191	1 348
Jász-Nagykun-Szolnok	64	42	1 219	918
Szabolcs-Szatmár-Bereg	164	138	2 247	1 325
<i><b>Northern Great Plain</b></i>	404	315	6 657	3 591
Bács-Kiskun	194	154	2 636	1 335
Békés	37	28	1 514	1 124
Csongrád	50	36	1 762	524
<i><b>Southern Great Plain</b></i>	281	218	5 912	2 983
<b>Total</b>	<b>1 103</b>	<b>854</b>	<b>32 206</b>	<b>16 849</b>

<sup>a)</sup> Guinea-fowls excluded.

**Source:** Hungarian Central Statistical Office

# LIVESTOCK DENSITY<sup>a)</sup>

Regions	Livestock per hundred hectares of agricultural area, head			
	cattle		pigs	
	2001	2002	2001	2002
Pest, Budapest	13	13	54	50
<i>Central Hungary</i>	13	13	54	50
Fejér	19	19	81	79
Komárom-Esztergom	12	12	196	223
Veszprém	17	17	74	78
<i>Central Transdanubia</i>	17	17	100	107
Győr-Moson-Sopron	24	23	82	80
Vas	18	17	47	46
Zala	11	11	56	52
<i>Western Transdanubia</i>	18	17	64	61
Baranya	13	12	114	120
Somogy	10	10	63	61
Tolna	16	14	117	120
<i>Southern Transdanubia</i>	13	12	95	98
Borsod-Abaúj-Zemplén	9	9	38	38
Heves	8	7	39	39
Nógrád	7	8	39	37
<i>Northern Hungary</i>	8	8	38	38
Hajdú-Bihar	17	19	95	118
Jász-Nagykun-Szolnok	14	13	75	78
Szabolcs-Szatmár-Bereg	9	9	68	76
<i>Northern Great Plain</i>	14	14	80	92
Bács-Kiskun	10	11	93	95
Békés	13	12	109	114
Csongrád	15	14	142	152
<i>Southern Great Plain</i>	12	12	110	115
<b>Total</b>	<b>13</b>	<b>13</b>	<b>82</b>	<b>87</b>

<sup>a)</sup> 1<sup>st</sup> December.

**Source:** Hungarian Central Statistical Office

## **INTERNATIONAL DATA**

---





# AGRICULTURAL PRODUCTION

Country	1998	1999	2000	2001	2002
	1989-1991=100 %				
World total	118,8	122,5	124,6	125,7	126,6
Austria	109,6	113,1	109,2	111,6	106,5
Belgium-Luxembourg	113,5	114,0	119,1	113,5	115,4
Bulgaria	67,4	68,0	61,1	61,3	63,4
Denmark	106,0	104,3	104,6	106,2	104,4
Finland	84,8	87,4	94,3	92,2	94,4
France	107,7	108,0	105,8	101,1	105,8
Greece	102,5	106,8	109,4	107,4	103,4
Netherlands	98,5	104,7	103,9	93,5	96,3
Poland	90,8	86,6	86,2	87,0	87,8
<b>Hungary</b>	<b>77,7</b>	<b>74,4</b>	<b>72,8</b>	<b>80,6</b>	<b>74,7</b>
Great Britain	100,3	100,0	97,4	87,7	92,4
Germany	94,5	99,1	98,2	97,7	95,7
Italy	101,5	106,9	103,6	101,4	100,8
Portugalia	94,2	106,6	101,8	98,6	100,4
Romania	89,6	94,1	78,8	93,4	84,1
Spain	112,7	113,5	119,3	119,6	117,9
India	123,8	129,4	129,4	130,6	128,2
Japan	91,1	92,3	92,0	90,2	90,9
China	160,5	167,4	174,3	179,7	184,4
Argentina	131,3	137,8	135,5	138,4	140,2
Brazil	128,9	139,4	142,6	149,5	158,9
Kanada	124,8	133,3	132,2	121,6	113,7
Mexico	122,7	128,5	128,8	135,4	136,2
USA	119,2	120,9	123,1	121,6	119,9
Australia	124,3	133,5	129,8	130,1	113,6

# FOOD PRODUCTION

Country	1998	1999	2000	2001	2002
	1989-1991=100 %				
World total	120,2	124,2	126,4	127,3	128,4
Austria	109,6	113,2	109,2	111,6	106,5
Belgium-Luxembourg	113,5	113,9	119,0	113,4	115,3
Bulgaria	69,0	69,8	63,7	62,4	64,2
Denmark	106,0	104,3	104,6	106,2	104,4
Finland	84,8	87,4	94,4	92,2	94,4
France	107,8	108,1	105,8	101,1	105,9
Greece	98,8	103,4	104,8	102,3	100,5
Netherlands	98,7	104,8	104,0	93,6	96,4
Poland	91,4	86,9	86,6	87,6	88,4
<b>Hungary</b>	<b>77,9</b>	<b>74,4</b>	<b>73,0</b>	<b>80,8</b>	<b>74,9</b>
Great Britain	100,1	99,6	97,4	87,9	92,8
Germany	94,4	98,9	98,2	97,8	95,8
Italy	102,1	107,6	104,3	102,0	101,4
Portugalia	94,0	106,7	101,8	98,6	100,4
Romania	90,6	95,3	79,7	94,8	85,2
Spain	112,1	112,7	119,0	119,3	117,6
India	124,2	130,0	130,8	131,4	129,3
Japan	91,6	92,8	92,6	90,7	91,5
China	166,2	174,2	181,0	186,2	191,7
Argentina	134,6	142,3	140,6	143,6	146,2
Brazil	131,6	142,3	144,7	151,5	160,7
Kanada	124,6	133,3	133,0	122,1	114,0
Mexico	123,7	130,6	131,4	138,4	139,8
USA	120,4	121,6	124,0	121,7	120,6
Australia	136,8	148,8	143,9	147,2	127,6

## PRODUCTION OF CEREALS

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	2 084 991	2 059 842	2 100 802	2 031 749	100,0
Austria	4 806	4 490	4 827	4 821	0,2
Bulgaria	5 132	4 363	5 595	5 608	0,3
Czech Republic	6 935	6 460	7 343	6 998	0,3
Denmark	8 782	9 421	9 763	9 024	0,4
Finland	2 879	4 095	3 670	3 813	0,2
France	64 342	65 765	60 331	69 120	3,4
Greece	4 620	4 793	4 662	4 248	0,2
Poland	25 750	22 341	26 960	26 760	1,3
<b>Hungary</b>	<b>11 376</b>	<b>10 025</b>	<b>15 047</b>	<b>11 706</b>	<b>0,6</b>
Great Britain	22 126	23 985	18 983	22 675	1,1
Germany	44 461	45 271	49 711	43 277	2,1
Italy	21 068	20 661	19 993	22 294	1,1
Romania	17 038	10 476	18 857	13 993	0,7
Spain	18 002	24 633	17 953	21 721	1,1
Slovakia	2 829	2 201	3 384	3 522	0,2
Ukraine	23 953	23 810	38 878	38 280	1,9
Japan	12 283	12 796	12 254	12 261	0,6
China	455 192	407 328	298 394	401 808	19,8
Canada	53 951	50 734	43 298	34 868	1,7
USA	335 553	342 775	325 288	299 211	14,7
Australia	35 625	34 610	37 281	18 932	0,9

## PRODUCTION OF WHEAT

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	588 163	585 112	587 449	568 108	100,0
Austria	1 416	1 313	1 508	1 460	0,3
Belgium-Luxembourg	1 528	1 634	1 442	1 700	0,3
Bulgaria	2 637	2 775	3 800	3 600	0,6
Czech Republic	4 028	4 084	4 476	4 043	0,7
Denmark	4 471	4 693	4 886	4 130	0,7
France	37 050	37 358	31 572	39 031	6,9
Greece	2 064	2 183	2 084	1 700	0,3
Poland	9 051	8 503	9 283	9 300	1,6
<b>Hungary</b>	<b>2 638</b>	<b>3 692</b>	<b>5 197</b>	<b>3 910</b>	<b>0,7</b>
Great Britain	14 870	16 700	11 570	15 814	2,8
Germany	19 615	21 622	22 838	20 786	3,7
Italy	7 743	7 464	6 510	7 500	1,3
Romania	4 661	4 434	7 735	4 382	0,8
Spain	5 084	7 333	4 938	6 589	1,2
Slovakia	1 187	1 254	1 894	1 754	0,3
Turkey	18 009	21 009	19 007	20 000	3,5
Ukraine	13 585	10 197	21 348	21 000	3,7
India	71 288	76 369	68 763	71 470	12,6
China	113 880	99 636	93 873	89 330	15,7
Canada	26 941	26 519	20 568	15 494	2,7
USA	62 567	60 757	53 262	43 992	7,7
Australia	25 012	22 190	23 760	10 130	1,8

## PRODUCTION OF BARLEY

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	128 236	134 185	143 067	131 558	100,0
Austria	1 153	855	1 012	946	0,7
Bulgaria	652	676	830	1 000	0,8
Czech Republic	2 137	1 629	1 966	1 947	1,5
Denmark	3 675	3 980	4 068	4 136	3,1
France	9 378	9 717	9 806	10 939	8,3
Poland	3 401	2 783	3 330	3 300	2,5
<b>Hungary</b>	<b>1 042</b>	<b>901</b>	<b>1 299</b>	<b>1 046</b>	<b>0,8</b>
Great Britain	6 580	6 490	6 700	5 975	4,5
Germany	13 301	12 106	13 495	10 974	8,3
Italy	1 313	1 262	1 134	1 225	0,9
Romania	1 019	867	1 580	689	0,5
Spain	7 434	11 283	6 245	8 429	6,4
Slovakia	724	397	685	855	0,6
Turkey	7 700	8 000	7 500	7 400	5,6
Ukraine	6 425	6 872	10 186	9 800	7,4
Canada	13 196	13 172	10 846	7 678	5,8
USA	6 103	6 939	5 430	4 940	3,8
Australia	5 043	6 819	7 459	3 360	2,6

## PRODUCTION OF MAIZE

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	606 946	592 501	614 234	602 027	100,0
Austria	1 700	1 852	1 771	1 900	0,3
Bulgaria	1 719	818	873	900	0,1
Czech Republic	260	304	409	423	0,1
France	15 357	16 073	16 476	16 000	2,7
Greece	1 950	2 038	2 035	2 000	0,3
<b>Hungary</b>	<b>7 149</b>	<b>4 984</b>	<b>7 858</b>	<b>6 120</b>	<b>1,0</b>
Germany	3 257	3 324	3 505	3 601	0,6
Italy	10 017	10 138	10 513	11 600	1,9
Romania	10 935	4 898	9 119	8 500	1,4
Spain	3 769	3 898	4 957	4 640	0,8
Slovakia	779	440	616	721	0,1
Turkey	2 297	2 300	2 200	2 200	0,4
Ukraine	1 737	3 848	3 641	4 200	0,7
India	11 510	12 068	13 510	12 000	2,0
China	128 287	106 180	114 254	124 166	20,6
Egypt	6 143	6 474	6 842	6 842	1,1
Australia	13 504	16 817	15 365	14 700	2,4
Brazil	32 038	31 879	41 439	35 479	5,9
Canada	9 161	6 827	8 389	8 156	1,4
Mexico	17 706	17 557	20 134	19 000	3,2
USA	239 549	251 854	241 485	228 696	38,0

## PRODUCTION OF RICE, PADDY

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	611 251	598 307	595 268	579 477	100,0
<b>Hungary</b>	<b>7</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>0,0</b>
Italy	1 427	1 230	1 273	1 400	0,2
Spain	845	798	888	850	0,1
Bangladesh	34 601	37 628	38 500	39 000	6,7
Fülöp-szigetek	11 787	12 389	12 955	12 685	2,2
India	134 496	127 376	136 581	123 000	21,2
Indonesia	50 866	51 898	50 096	48 654	8,4
Japan	11 469	11 863	11 320	11 264	1,9
China	200 403	189 814	179 304	177 589	30,6
Korea Rep.	7 033	7 125	7 453	7 429	1,3
Koreai NDK	2 343	1 690	2 060	1 500	0,3
Myanmar (Burma)	20 126	21 324	20 600	21 200	3,7
Thaiföld	24 172	25 608	26 954	27 000	4,7
Vietnam	31 394	32 530	31 970	31 319	5,4
Egypt	5 817	6 000	5 227	5 700	1,0
Madagascar	2 637	2 300	2 300	2 300	0,4
Brazil	11 710	11 090	10 195	10 489	1,8

## PRODUCTION OF SUGAR-BEET

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	260 626	245 594	229 418	251 650	100,0
Austria	3 217	2 560	2 773	2 780	1,1
Belgium-Luxembourg	7 112	5 311	5 300	5 800	2,3
Czech Republic	2 691	2 809	3 529	3 526	1,4
Denmark	3 543	3 345	3 149	3 400	1,4
France	32 919	31 131	26 841	31 982	12,7
Netherlands	7 317	6 727	5 947	7 100	2,8
Poland	12 564	13 134	11 364	11 800	4,7
<b>Hungary</b>	<b>2 934</b>	<b>1 976</b>	<b>2 903</b>	<b>2 274</b>	<b>0,9</b>
Great Britain	10 584	9 079	8 180	9 405	3,7
Germany	27 578	27 870	24 730	26 000	10,3
Italy	14 505	11 569	11 107	11 500	4,6
Romania	1 415	667	875	870	0,3
Spain	8 162	8 254	6 775	7 343	2,9
Sweden	2 753	2 602	2 659	2 700	1,1
Slovakia	1 405	961	1 286	1 303	0,5
Turkey	17 102	18 821	12 633	16 700	6,6
Ukraine	14 064	13 199	15 575	19 000	7,6
Japan	3 787	3 673	3 796	3 700	1,5
China	8 639	8 073	10 889	11 562	4,6
USA	30 318	29 521	23 394	25 427	10,1



## PRODUCTION OF SUNFLOWER SEEDS

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	29 073	26 153	20 880	22 736	100,0
Bulgaria	606	423	310	446	2,0
France	1 930	1 833	1 621	1 531	6,7
<b>Hungary</b>	<b>793</b>	<b>484</b>	<b>632</b>	<b>777</b>	<b>3,4</b>
Romania	1 301	721	824	820	3,6
Spain	644	848	871	794	3,5
Turkey	950	800	650	820	3,6
Ukraine	2 794	3 457	2 251	2 800	12,3
Argentina	7 125	6 070	3 179	3 844	16,9
USA	1 969	1 608	1 551	1 176	5,2

## PRODUCTION OF POTATOES

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	299 556	328 361	309 307	307 887	100,0
Austria	712	695	695	695	0,2
Belgium-Luxembourg	3 007	3 033	2 497	2 700	0,9
Czech Republic	1 407	1 476	1 130	1 034	0,3
Denmark	1 502	1 645	1 543	1 600	0,5
France	6 645	6 652	6 259	6 700	2,2
Netherlands	8 221	8 127	7 015	7 225	2,3
Poland	19 927	24 232	19 379	20 400	6,6
<b>Hungary</b>	<b>1 199</b>	<b>864</b>	<b>908</b>	<b>752</b>	<b>0,2</b>
Great Britain	7 131	6 652	6 528	6 650	2,2
Germany	12 031	13 694	11 503	10 975	3,6
Italy	2 069	2 053	2 010	2 000	0,6
Romania	3 957	3 470	3 997	4 000	1,3
Spain	3 367	3 138	2 957	3 062	1,0
Slovakia	384	419	387	450	0,1
Ukraine	12 723	19 838	17 344	16 100	5,2
India	23 611	24 713	22 143	22 143	7,2
Japan	2 963	2 898	2 959	2 980	1,0
Canada	4 268	4 555	4 030	4 100	1,3
USA	21 692	23 297	19 862	20 853	6,8

# TOTAL PRODUCTION OF VEGETABLES<sup>a)</sup>

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	683 430	733 874	753 263	772 710	100,0
Bulgaria	1 746	1 478	1 419	1 436	0,2
France	8 009	8 018	7 881	7 589	1,0
Greece	4 304	4 250	3 999	4 171	0,5
Netherlands	3 641	3 568	3 526	3 655	0,5
Poland	5 626	5 891	5 438	5 251	0,7
<b>Hungary</b>	<b>1 972</b>	<b>1 500</b>	<b>1 857</b>	<b>1 850</b>	<b>0,2</b>
Great Britain	2 914	3 002	2 843	2 756	0,4
Germany	3 759	3 882	3 715	3 686	0,5
Italy	15 713	16 389	15 361	15 746	2,0
Romania	3 903	3 419	3 827	3 637	0,5
Spain	12 440	12 071	11 926	11 671	1,5
Turkey	24 671	24 639	24 165	24 836	3,2
Ukraine	5 324	5 821	5 661	5 880	0,8
India	65 617	67 880	68 059	68 059	8,8
Japan	12 810	12 685	12 484	12 494	1,6
China	280 069	328 702	350 372	368 579	47,7
Egypt	13 610	14 607	13 683	13 683	1,8
Brazil	7 304	7 329	7 124	7 788	1,0
Canada	2 391	2 281	2 306	2 252	0,3
Mexico	9 724	9 249	9 419	8 915	1,2
USA	39 053	37 261	35 513	35 513	4,6

<sup>a)</sup> Melons included.

# TOTAL PRODUCTION OF FRUITS<sup>a)</sup>

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	457 018	468 282	468 262	471 377	100,0
Bulgaria	698	728	703	702	0,1
France	11 701	11 152	11 038	11 031	2,3
Greece	4 226	4 199	4 081	3 785	0,8
Poland	2 385	2 244	3 400	2 711	0,6
<b>Hungary</b>	<b>1 393</b>	<b>1 722</b>	<b>1 728</b>	<b>1 200</b>	<b>0,3</b>
Great Britain	347	307	318	278	0,1
Germany	5 408	6 274	4 634	4 692	1,0
Italy	18 295	17 998	18 275	17 700	3,8
Romania	2 093	2 635	2 454	2 139	0,5
Spain	15 488	16 113	14 921	15 243	3,2
Turkey	10 583	10 857	10 785	10 996	2,3
Ukraine	1 044	1 916	1 535	1 649	0,3
India	45 758	48 571	48 571	48 571	10,3
Japan	4 250	3 830	4 070	4 092	0,9
China	64 826	64 614	68 738	68 434	14,5
Egypt	6 791	6 966	7 304	7 236	1,5 0,0
Argentin	6 950	6 680	7 781	7 781	1,7
Brazil	37 094	33 118	31 795	34 516	7,3
Mexico	12 513	13 290	14 217	14 881	3,2
USA	28 064	32 890	30 100	30 553	6,5
Australia	2 918	3 087	3 440	3 725	0,8

<sup>a)</sup> Total grapes production included.

## PRODUCTION OF GRAPES

Country	1999	2000	2001	2002	Percentage of world production, 2002
	1000 tons				
World total	61 062	64 330	61 248	62 389	100,0
Austria	364	304	330	350	0,6
Bulgaria	401	416	400	400	0,6
France	8 137	7 627	7 282	7 130	11,4
Greece	1 200	1 200	1 200	1 200	1,9
<b>Hungary</b>	<b>570</b>	<b>684</b>	<b>811</b>	<b>501</b>	<b>0,8</b>
Germany	1 659	1 360	1 350	1 550	2,5
Italy	9 362	8 870	8 988	8 500	13,6
Portugal	1 041	893	980	980	1,6
Romania	1 117	1 295	1 122	895	1,4
Spain	5 608	6 683	5 111	5 423	8,7
Turkey	3 400	3 600	3 250	3 600	5,8
South-Africa	1 554	1 530	1 350	1 350	2,2 0,0
Argentina	2 425	2 191	2 458	2 458	3,9
Brazil	895	999	1 013	1 099	1,8
Mexico	483	372	436	475	0,8
USA	5 658	6 947	5 944	6 595	10,6
Australia	1 266	1 343	1 551	1 851	3,0

## WINE PRODUCTION

Country	1998	1999	2000	2001	Percentage of world production, 2001
	1000 tons				
World total	28 728	29 518	27 766	27 677	100,0
Austria	280	234	253	270	1,0
Bulgaria	203	210	200	200	0,7
France	6 294	5 974	5 601	5 421	19,6
Greece	433	500	428	500	1,8
<b>Hungary</b>	<b>334</b>	<b>430</b>	<b>541</b>	<b>333</b>	<b>1,2</b>
Germany	1 229	1 008	908	1 031	3,7
Italy	5 807	5 409	5 256	4 700	17,0
Portugal	786	669	702	700	2,5
Romania	566	545	550	500	1,8
Spain	3 266	4 557	3 094	3 608	13,0
South-Africa	779	762	761	761	2,7
Argentina	1 589	1 254	1 580	1 580	5,7
Brazil	319	300	320	320	1,2
Mexico	144	104	141	157	0,6
USA	2 075	2 500	2 380	2 380	8,6
Australia	851	855	1 070	1 070	3,9

# CATTLE

Country	1999	2000	2001	2002	Percentage of world livestock, 2002
	thousands				
World total	1 330 902	1 347 218	1 354 206	1 360 476	100,0
Austria	2 172	2 172	2 155	2 118	0,2
Belgium-Luxembourg	3 395	3 288	3 245	3 106	0,2
Czech Republik	1 657	1 574	1 582	1 520	0,1
Denmark	1 887	1 868	1 907	1 923	0,1
France	20 265	20 527	20 338	20 281	1,5
Netherlands	4 206	4 070	4 047	4 050	0,3
Poland	6 455	6 093	5 734	5 501	0,4
<b>Hungary<sup>a)</sup></b>	<b>873</b>	<b>857</b>	<b>805</b>	<b>783</b>	<b>0,1</b>
Great Britain	11 423	11 133	10 600	10 430	0,8
Germany	14 942	14 658	14 568	14 227	1,0
Italy	7 129	7 162	7 211	7 211	0,5
Romania	3 143	3 051	2 870	2 720	0,2
Spain	5 965	6 291	6 164	6 411	0,5
Slovakia	705	664	645	645	0,0
Ukraine	11 722	10 627	9 424	9 600	0,7
Japan	214 877	218 800	219 642	219 642	16,1
China	101 875	104 580	106 083	106 175	7,8
Argentina	49 057	48 674	50 167	50 369	3,7
Brazil	164 621	169 876	171 786	176 000	12,9
Canada	13 211	13 201	13 608	13 700	1,0
Mexico	30 193	30 492	30 600	30 600	2,2
USA	99 115	98 198	97 277	96 700	7,1
Australia	26 578	27 588	28 768	28 768	2,1

<sup>a)</sup>At the end of the year.

## PIGS

Country	1999	2000	2001	2002	Percentage of world livestock, 2002
	thousands				
World total	905 223	910 857	921 687	939 319	100,0
Austria	3 810	3 431	3 427	3 440	0,4
Belgium-Luxembourg	7 632	7 404	7 349	6 851	0,7
Czech Republik	4 001	3 688	3 594	3 441	0,4
Denmark	11 626	11 922	12 608	12 990	1,4
France	14 682	14 635	14 762	14 800	1,6
Netherlands	13 567	13 118	13 073	13 000	1,4
Poland	18 538	17 122	17 106	18 707	2,0
<b>Hungary<sup>a)</sup></b>	<b>5 479</b>	<b>5 335</b>	<b>4 834</b>	<b>4 822</b>	<b>0,5</b>
Great Britain	7 284	6 482	5 845	5 527	0,6
Germany	26 294	26 001	25 767	25 958	2,8
Italy	8 323	8 415	8 329	8 410	0,9
Romania	7 194	5 848	4 797	3 950	0,4
Spain	21 668	22 418	22 149	23 858	2,5
Slovakia	1 593	1 562	1 488	1 517	0,2
Ukraine	10 083	10 073	7 652	8 478	0,9
Japan	9 879	9 806	9 785	9 612	1,0
China	429 202	437 541	454 410	464 695	49,5
Brazil	30 839	31 562	29 424	30 000	3,2
Canada	12 429	12 904	13 576	14 367	1,5
Mexico	15 748	16 088	16 500	18 000	1,9
USA	62 206	59 342	59 138	59 138	6,3

<sup>a)</sup>At the end of the year.